

The Mining Journal

RAILWAY AND COMMERCIAL GAZETTE

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

[The MINING JOURNAL is Registered at the General Post Office as a Newspaper, and for Transmission Abroad.]

No. 2122.—Vol. XLVI.

LONDON, SATURDAY, APRIL 22, 1876.

WITH SUPPLEMENT. PRICE SIXPENCE. PER ANNUM, BY POST, £1 4s.

MR. JAMES H. CROFTS, STOCK AND SHARE BROKER,
No. 1, FINCH LANE, CORNHILL, LONDON, E.C.
Established 1842.

BUSINESS transacted in all descriptions of Mining Stocks and Shares (British and Foreign), Consols, Banks, Bonds (Foreign and Colonial), Railways, Miscellaneous, Insurance, Assurance, Telegraph, Shipping, Canal, Gas, Water, and Dock Shares.

BUSINESS negotiated in Stocks and Shares not having a general market value. BUSINESS in COLLIERIES and IRON SHARES, and in the principal WAGON and MANUFACTURING COMPANIES of the NORTH of ENGLAND and SCOTLAND.

BUSINESS in all the principal COTTON SPINNING SHARES. Mr. J. H. CROFTS, having now established CORRESPONDING AGENCIES in all the chief towns of the United Kingdom, is prepared to deal in the various LOCAL Stocks and Shares at close market prices.

Accounts opened for the Fortnightly Settlement.

Monthly and Daily Price Lists issued.

Bankers: City Bank, London; South Cornwall Bank, St. Austell.

SPECIAL DEALINGS in the following SHARES:—

Argentine, £1½.	5 Emma, £1½.	6 Palmer's Shipbuilding, £19.
Aberdaunt, 16s.	40 Flagstaff, £1½.	100 Rookhope Valley, 21s.
Almaden, 11s. 3d.	10 Glyn, 10s.	10 Roman Gravel, £13½.
Ashton, £1½.	50 Great West Van, 12s 6d.	20 Richmond, £7½.
Beaumont, 10s.	60 Javali, 8s.	20 St. Patrick, 15s.
Blue Tent, 10s.	20 Llanrwst, £2.	30 Sweetland, £2.
Colorado, 30s.	10 Mynydd Gerddu, 10s.	10 Tankerville, £11½.
Chapel House, £3½.	25 Marke Valley, £2½.	20 Van Conso, £2½.
Cakemore, £4.	80 Old Treburt, 8s.	5 W. Craven Moor, £11½.
Cardiff and Swansea, 10s.	80 Penarth, 7s. 6d.	15 West Chiverton, 10s.
Cle Hill, 2s. 6d.	10 Penarth, 10s.	20 West Tankerville, £2.
Cathedral, 10s.	10 Penarth, 10s.	45 W. Wye Valley, £4½.
East Caradon, £1½.	20 Penarth, £2½.	10 Wye Valley, £6.
East Van, £9.	20 Penarth, £2½.	10 Plynlimmon, 10s.

SPECIAL BUSINESS in POSITIVE ASSURANCE SHARES. Shares sold for forward delivery (one, two, or three months) on deposit 10 per cent. Business on hand in all the leading TIN, COPPER, and LEAD SHARES.

RAILWAYS.—SPECIAL BUSINESS. Fortnightly accounts opened on receipt of the usual cover.

JAMES H. CROFTS, 1, FINCH LANE, LONDON.

FOREIGN BONDS.—ARGENTINE.—EGYPTIAN.—RUSSIAN, SPANISH. SPECIAL BUSINESS, and latest information. JAMES H. CROFTS, 1, FINCH LANE, LONDON.

LEAD SHARES.—GLYN.—EAST VAN.—ABERDAUNT.—SPECIAL BUSINESS. JAMES H. CROFTS, 1, FINCH LANE, LONDON.

MR. WILLIAM H. BUMPUS, STOCK AND SHARE BROKER,
44, THREADNEEDLE STREET, LONDON, E.C.
[Established 1837.]

PURCHASES and SALES effected, on the best possible terms, in—CONSOLS, RAILWAYS, FOREIGN BONDS, and STOCK EXCHANGE SECURITIES of every description for INVESTMENT or SPECULATION.

SPECIAL BUSINESS, at close prices, in the SHARES of all the principal HOME and FOREIGN MINES.

Accounts opened for the Fortnightly Settlement on receipt of the usual cover.

References given and required when necessary.

A STOCK and SHARE LIST sent FREE on application.

BANKERS—The NATIONAL PROVINCIAL BANK OF ENGLAND, E.C.

Mr. Bumpus directs particular attention to—

MINING INVESTMENTS.

and is in a position to give reliable information and advice respecting the same. Large profits may be realised during the next few months by purchasing well-selected Shares at present prices, as there are several likely to have a great rise this year.

The following are strongly recommended, viz.:—

Pennery, Parys Mountain, Argentine, Blue Tent, and Condes of Chill.

WILLIAM HENRY BUMPUS, SWORN BROKER.

OFFICES: 44, THREADNEEDLE STREET, LONDON, E.C.

W. H. B. can supply Aberdaunt, Llanrwst, and Mynydd Gerddu Shares on favourable terms.

FERDINAND R. KIRK, STOCKBROKER,
5, BIRCHIN LANE, E.C.

SPECIAL ATTENTION directed to FOREIGN BONDS and RAILWAYS. Some unusual opportunities are now offering for sale or purchase. Fortnightly accounts opened on the usual terms.

Wherever a difficulty arises as to the price of any security, whether quoted or not, application should be made as above, when full particulars will be forwarded by return of post.

JOHN RISLEY (SWORN), STOCK AND SHARE BROKER,
38, CORNHILL, LONDON.

Business transacted at the following rates of commission:—Foreign Stocks, ¼ per cent.; and Mining Shares of £4 each and upwards, 1½ per cent.; under £4, 1s. per share.

WHEAL CREBOR, AND PARYS MOUNTAIN.—These shares are strongly recommended.

MESSRS. HARLAND AND CO. STOCK AND SHARE DEALERS,
235 and 236, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C.
Bankers: London and County Bank

Messrs. H. and Co. have Special Business in Chapel House and Alltaml Collieries Shares, also in the shares of the Oregon Gold, and the Patent Ligno Mineral Paving Companies, and will be happy to give full particulars of the above desirable investments on application.

Dealings at closest market prices in all kinds of Stocks and Shares.

MESSRS. ENDEAN AND CO. STOCK AND SHARE DEALERS,
85, GRACECHURCH STREET, LONDON, E.C.

Government and every negotiable Stocks dealt in for cash or account. Orders and telegrams punctually attended to.

The Van Mine, returning about 700 tons of mineral per month, paying good dividends, now the East Van having cut rich. The Aberdaunt, on the same lode, in about 12 fms. sinking is likely to be of equal value, and the shares should be purchased whilst they can be had so cheaply. They have a longer run on the lode than the Van or East Van.

Our Bureau and Guide to Investments, with a plan of Van district. Price 6d.; free to clients.

SHARES FOR SALE in the Aberdaunt, Llanrwst, Van, and East Van, and all the leading Lead Mines.

MR. W. MARLBOROUGH, STOCK AND SHARE DEALER,
29, BISHOPSGATE STREET, LONDON, E.C. (Established 19 Years), can sell the following SHARES, at prices annexed:—

35 Ashton, £1½.	15 Eberhardt, £7½.	70 Plynlimmon, 11s. 3d.
10 Argentine, £1½.	50 Frontino, £2 2s. 6d.	90 Penarth, 8s. 6d.
50 Almaden, 11s. 3d.	40 Flagstaff, £1½.	25 Port Nigel, 25s.
10 Almaden and Tiritio, 9s. 9d.	35 Gold Run, 16s.	50 Rookhope Val., 20s.
20 Birdseye, £1½.	35 Glyn, £4½.	100 Rossa Grande, 2s. 9d.
15 Chapel House, £3 6s. 3d.	60 Gr. West Van, £5½.	20 Santa Barbara, 31s. 9d.
30 Cedar Creek, 15s.	50 I. X. L., 19s. 6d.	30 San Pedro, £2 13s. 9d.
40 Colorado, 11s. 11 3d.	80 Javali, 7s. 6d.	40 Teocoma, 15s.
10 Chantales, 9s. 9d.	40 Last Chance, 17s. 6d.	25 Van Conso, £2½.
10 Devon Consols, £4.	20 Ladywell, £1½.	20 W. Tankerville, £2.
10 Don Pedro, 7s.	25 Marke Valley, £2 4s. 6d.	30 W. Pateley Bdg., £5½.
15 East Van, £9.	40 North Laxey, 20s.	25 West Wyo Val., £4½.
25 Exchequer, £2½.	90 Old Treburt, 8s. 6d.	20 Wye Valley, £2 6s.
20 East Caradon, 35s.	20 Pateley Bridge, £5½.	
40 Emma, £1½.	50 Parys Mount, 15s.	
	30 Pennerley, £2½.	

SPECIAL NOTICE OF REMOVAL.
MR. PETER WATSON gives NOTICE that, owing to the LEASE of HOUSE and OFFICES at No. 79, OLD BROAD STREET, LONDON, EXPIRING, where he has carried on BUSINESS of STOCK AND SHARE DEALER for nearly SEVENTEEN YEARS, his address will be at—

No. 54, OLD BROAD STREET, LONDON, E.C., (Over the Bank of South Australia), where all communications intended for him are in future to be sent.

SPECIAL NOTICE OF REMOVAL.
MESSRS. PETER WATSON AND COMPANY, STOCK AND SHARE DEALERS, give NOTICE that they have REMOVED from 79, Old Broad-street, to much larger and more convenient Offices, at—

No. 54, OLD BROAD STREET, LONDON, E.C., Where all future Business communications are to be addressed.

Bankers: The Alliance Bank (Limited), London. Office Hours, Ten to Five—Saturdays, Ten to Three.

N.B.—Every information may be obtained on personal application, or by Letter or Wire, as to PRICES and PURCHASES or SALES of STOCKS and SHARES, and considered the best investment for CAPITAL.

BRITISH AND FOREIGN MINING ENTERPRISE.
MARCH No. 771, Vol. XV., now ready. Annual subscription, 6s.; single copy, 6d.

MESSRS. PETER WATSON AND CO.'S BRITISH AND FOREIGN (MONTHLY) MINING NEWS—STOCK AND SHARE INVESTMENT NOTES—LEAD MINES.

Contains mention of some of the leading British Lead Mines, viz.:—Van, Great Laxey, Tankerville, Roman Gravel, Great Dylliffe, Minera, Foxdale, West Chiverton, East Van, Pennerley, Old Treburt, North Laxey, Rookhope, Grogwinion, &c.

MESSRS. PETER WATSON AND CO., STOCK AND SHARE DEALERS,
54, OLD BROAD STREET, LONDON, E.C.
Bankers: The Alliance Bank (Limited).

Managers, Secretaries, and Purveyors of Mines are requested to forward all Notices of Meetings, Calls, Dividends, Reports or Improvements in Mines, Sales of Ore, &c.

N.B.—Circulation of this publication about 5000 monthly.

MR. ALFRED E. COOKE, STOCK AND SHARE DEALER,
76, OLD BROAD STREET, LONDON.
(Established 1853.)

GLYN AND ABERDAUNT.—Shares in these Mines (possessing the Van and East Van lodes) dealt in at closest market price of the day.

Mr. COOKE issues daily price lists both of Stock Exchange and Mining Shares, which will be forwarded on application.

EGYPT AND FOREIGN STOCKS. How to act. Apply to Mr. A. E. COOKE. Fortnightly accounts opened.

All Investors in Railways, Foreign Stocks, and Mines should consult the "INVESTORS' GAZETTE." Post free for three stamps of Mr. A. E. COOKE, 76, Old Broad-street, London.

MR. T. E. W. THOMAS, SHARE BROKER,
3, GREAT WINCHESTER STREET BUILDINGS, E.C.
Established 1857.

The following are the latest prices at which business could be done. Where the difference between the buying and selling price is wide transactions may be effected at an intermediate price:—

Buyers, Sellers.		Buyers, Sellers.	
Almaden and Tiritio	7s. 6d. 10s.	Pennerley	£ 2 ... 2 2½
Ashton	£ 1½ ... 1½	Penarth	28 ... 10s.
Birdseye Creek	1½ ... 1½	Pennery	10s ... 12s.
Chapel House	3½ ... 3½	Plynlimmon	£ 1½ ... 1½
Devon Great Consols	4 ... 4½	Port Nigel	£ 1½ ... 1½
Eberhardt	7½ ... 7½	Richmond	7 ... 7½
East Caradon	1½ ... 1½	Roman Gravel	13½ ... 13½
East Van	8½ ... 9½	Rookhope	18s ... 20s.
Emma	1½ ... 1½	Rossa Grande	2s. 9d ... 3s. 3d.
Exchequer Gold	1½ ... 1½	Santa Barbara	1½ ... 1½
Flagstaff	1½ ... 1½	San Pedro	3 ... 3½
Glyn	4½ ... 4½	South Condurow	3 ... 3½
Great Laxey (ex div.)	17½ ... 18	Sweetland Creek	2 ... 2½
Great West Van	10s ... 12s.	Tankerville	10½ ... 11
Hingston Down	15s ... 17s. 6d.	Tinoroff	16 ... 18
Javali	7s ... 8s. 6d.	Unity Wood	1½ ... 1½
Marke Valley	2 ... 2½	Van	30 ... 40
North Laxey	19s ... 21s.	Van Conso	2½ ... 2½
New Consols	4 ... 4½	West Laxey	1½ ... 1½
Old Treburt	8 ... 8½	West Tankerville	17s ... 2
Parys Mountain	11s ... 16s.	Wheal Crebor	2 ... 2½
Pateley Bridge	5 ... 5½	Wheal Grenville	17s. 6d ... 22s. 6d.
		Wh. Kitty (St. Agnes)	2 ... 2½

MR. WILLIAM WARD (LATE WARD AND LITTLEWOOD),
CROSBY HOUSE,
95, BISHOPSGATE STREET WITHIN, E.C.,
STOCK AND SHARE BROKER.

MR. JAMES STOCKER, STOCK AND SHARE BROKER,
2, CROWN COURT, THREADNEEDLE STREET, LONDON, E.C.
(Established 1848.)

BUSINESS transacted in all kinds of STOCK EXCHANGE SECURITIES, also in every description of BRITISH and FOREIGN MINING SHARES.

SPECIAL BUSINESS in the following:—
Van Consols, Ashton, Richmond, North Laxey, Penarth, Rookhope, San Pedro, Grogwinion, Cathedral, Frontino, Marke Valley, Cathedral, Port Philip, Ladywell, Wheal Crebor, Cedar Creek, Great West Van, Plynlimmon, Clynch, West Pateley Bridge, Parys Mountain, Malpas, New Consols, West Tankerville, Don Pedro, Chapel House Colliery, West Tankerville.

Public attention is evidently turned to good Mining Enterprises, which afford great profits with small outlay. A large business is being transacted in the following:—

Van, East Van, Roman Gravel, Glyn, Pateley Bridge, Tankerville, Great Laxey, Wye Valley, Wheal Grenville, Pennerley, West Ashton, Exchequer, I. X. L., Flagstaff, Argentine, Eberhardt, Sweetland Creek, Javali, &c.

FOR SALE, at annexed prices, net:
30 West Ashton, 39s. 20 Glyn, £4½. 20 Exchequer, £3. 35 Nth. Laxey, 20s. 45 Marke Valley, 45s. 30 Flagstaff, 33s. 9d. 70 Rookhope, 20s. 30 Pennerley, 42s. 25 Richmond, £7½. 40 Gt. W. Van, 12s. 6d. 20 Van Consols, 48s. 9d. 40 Sweetland, £2½. 50 Ladywell, 23s. 6d. 20 Llanrwst, 40s. 50 I. X. L., 18s. 9d. 25 East Van, £9½. 50 Aberdaunt, 15s. 9d. 75 Teocoma, 14s. 6d.

JAMES STOCKER, SWORN BROKER.
Consols, Foreign Bonds, Railways, Bank, Telegraph, Gas, and all miscellaneous Shares bought and sold, and fortnightly accounts opened for same. Shares sold for forward delivery on receipt of cover. List of prices and every information forwarded on application. References given and required when necessary.

BANKERS: LONDON AND WESTMINSTER.

MR. CHARLES THOMAS, MINING AGENT, STOCK AND SHARE DEALER,
8, GREAT ST. HELEN'S, LONDON, E.C.

TEMPLE LEAD MINING COMPANY (LIMITED).
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CHARLES THOMAS, 8, GREAT ST. HELEN'S, LONDON.

MESSRS. A. W. THOMAS AND CO., MINING AGENTS, AND STOCK AND SHARE DEALERS.
FOR SALE, at a very large discount, 100 Deferred Shares, of £10 each, in the WEST MOSIYN COAL AND IRON COMPANY (LIMITED).

"INVESTMENTS AND SPECULATIONS FOR 1876."
Post free for six stamps.

G. E. SIMPSON, STOCK AND SHARE DEALER,
6, GREAT WINCHESTER STREET BUILDINGS, LONDON, E.C., will sell the following SHARES, free of commission:—

75 Argentine, £1½.	30 East Caradon, £1 15s.	100 Parys Mount, 15s.
60 Australian, £2½.	70 Gold Run, 15s.	50 Pateley Bridge, £3½.
100 Aberdaunt, 16s.	10 Great Laxey, £17½.	100 Richmond, £7.
50 Ashton, £1½.	70 Glyn, £4½.	20 Roman Grav., £13 10s.
100 Birdseye, £1 15s. 3d.	100 Great West Van, 11s.	150 Santa Barbara, 30s.
40 Colorado, £1 15s. 9d.	150 Javali, 8s.	25 Sweetland, £2½.
5 Cape Copper, £3s.	73 Ladywell, 25s.	60 San Pedro, £2½.
100 Chapel House, £3½.	50 Marke Valley, £2½.	20 Tankerville, £11½.
75 Cedar Creek, 14s. 6d.	70 North Laxey, 20s.	10 Van, £20.
60 Eberhardt, £7½.	30 Oregon, £4.	100 Van Consols, £2½.
25 Exchequer, £2½.	50 Pennerley, £2½.	20 W. Tankerville, £2.
20 East Van, £9½.	25 Plynlimmon, 11s.	

Special attention directed to Pennerley, Sweetland Creek, and Exchequer shares.

ESTABLISHED TEN YEARS.
MR. E. J. BARTLETT, STOCK AND SHARE DEALER,
No. 30, GREAT ST. HELEN'S, LONDON, E.C., has SPECIAL BUSINESS in St. Patrick, Wheel Kitty, South Condurow, Wheal Whispy, Pennerley, South Tolarno, East Lovell, East Van, Llanrwst, East Caradon, West Craven Moor, and Bampfylde shares at close prices.

Capitalists who seek Safe and Profitable Investments should act only upon the soundest information. The market prices for the day are, for the most part, governed by the immediate supply and demand, and not always by the *bona fide* merits of the properties.

Mr. E. J. BARTLETT devotes special attention to every class of security.

MESSRS. KEENE AND LAMBERT, STOCK AND SHARE BROKERS,
METROPOLITAN BUILDINGS, 63, QUEEN VICTORIA STREET, E.C.
Bankers: London and Westminster Bank, Lothbury.

MESSRS. JOSEPH J. REYNOLDS AND CO., STOCK AND SHARE DEALERS,
26, FINSBURY PLACE.

The great fall in Foreign Securities has turned the attention of the capitalist to home industries for investment, and at the request of their clients Messrs. REYNOLDS and Co. have, after much consideration and practical examination, Selected Mines for investment which they feel confident will both have a great rise in market value, and will pay an enormous interest on money invested; a list of these, with particulars to justify their opinion, they will forward on application.

MR. THOMAS THOMPSON, JUN., I. PALMERSTON BUILDINGS, BISHOPSGATE STREET, LONDON, E.C.
Some valuable hints as to the purchase of mining shares will be found in Mr. Thompson's "Investment Circular" for April now ready, post free, price 6d.

MR. W. TREGELLAS, 122 BISHOPSGATE STREET WITHIN, E.C.,
Deals in all descriptions of Stocks and Shares at close market prices.

MESSRS. W. J. TALLENTIRE AND CO., STOCK AND SHARE BROKERS,
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They have established Corresponding Agencies in all the principal towns of the United Kingdom, and are prepared to deal in the various local Stocks and Shares at close prices. Orders per post or telegraph receive prompt attention.

INVESTORS SHOULD APPLY for a copy of Messrs. W. J. TALLENTIRE and Co.'s Circular, sent post free. It contains valuable information on Foreign Stocks (especially South American, Egyptian, and Turkish), Railways, and Lead Mines.

MESSRS. BLYTH AND HUTCHINSON, STOCK AND SHARE BROKERS,
3, GEORGE YARD, LOMBARD STREET, LONDON.

Transact business in all kinds of Stock Exchange Securities, also in Mining Shares of every description; and will give any information respecting them on application. Monthly and Daily Price Lists issued.

Bankers: Alliance Bank.

MESSRS. HARVEY, JORDAN, AND CO., MINING ENGINEERS AND AGENTS, ACCOUNTANTS, AUDITORS, MANAGERS OF PUBLIC COMPANIES, &c.
In connection with Messrs. TEAL, FOSTER, and Co., Georgetown, Colorado. Mineral Properties Inspected.

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ON SALE, on advantageous terms, direct from Owners, several Freehold and Leasehold estates in town and country. Collieries in their entirety, and shares in colliery companies now unreasonably depreciated recommended as a safe investment. Speculatively, Lead Copper, and Iron mines, or shares in this class of property, are obtainable at the present time at very low prices. Such shares must advance in price speedily. Country clients will receive prompt attention.

MESSRS. J. TAYLOR AND CO., 86, LONDON WALL, STOCK AND SHARE DEALERS.

Have business at close rates in the following:—Andros Lake (pref.) East Van, Glyn, Great Laxey, Llanrwst, Marke Valley, North Laxey, Pennerley, Penarth, Roman Gravel, South Condurow, Tankerville, Van, Van Consols, and West Tankerville.

Eberhardt, Exchequer, Flagstaff, I. X. L., Last Chance, Richmond, San Pedro, and Teocoma.

MR. W. F. STANLEY, MATHEMATICAL INSTRUMENT MANUFACTURER TO H.M. GOVERNMENT, COUNCIL OF INDIA, SCIENCE AND ART DEPARTMENT, ADMIRALTY, &c.
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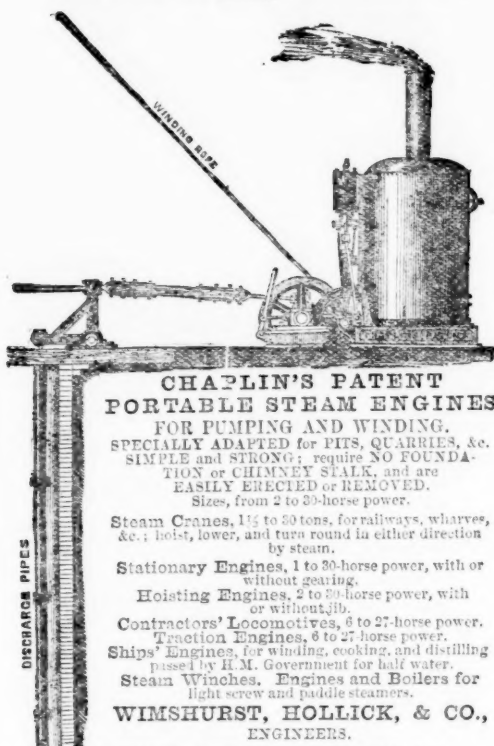
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Steam Cranes, 1½ to 20 tons, for railways, wharves,
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per dozen letters; usual price, 7s. 6d.; and ENGRAVING 2s. 6d. per dozen

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FLEXIBLE PRINTING STAMPS at less than half the List Price. Key and

Umbrella Labels at 1d. each, engraved.

DOOR AND WINDOW PLATES, at very low prices.

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THE IRON AND COAL TRADES' REVIEW

ROYAL EXCHANGE, MIDDLESBOROUGH.

The IRON AND COAL TRADES' REVIEW is extensively circulated amongst the Iron

Producers, Manufacturers, and Consumers, Coalowners, &c., in all the iron and

coal districts. It is, therefore, one of the leading organs for advertising every de

scription of Iron Manufactures, Machinery, New Inventions, and all matters re

lating to the Iron, Coal, Hardware, Engineering, and Metal Trades in general.

Offices of the Review: London: 7, Westminster Chambers, S.W.; Middles

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BLAKE'S PATENT STEAM PUMP.

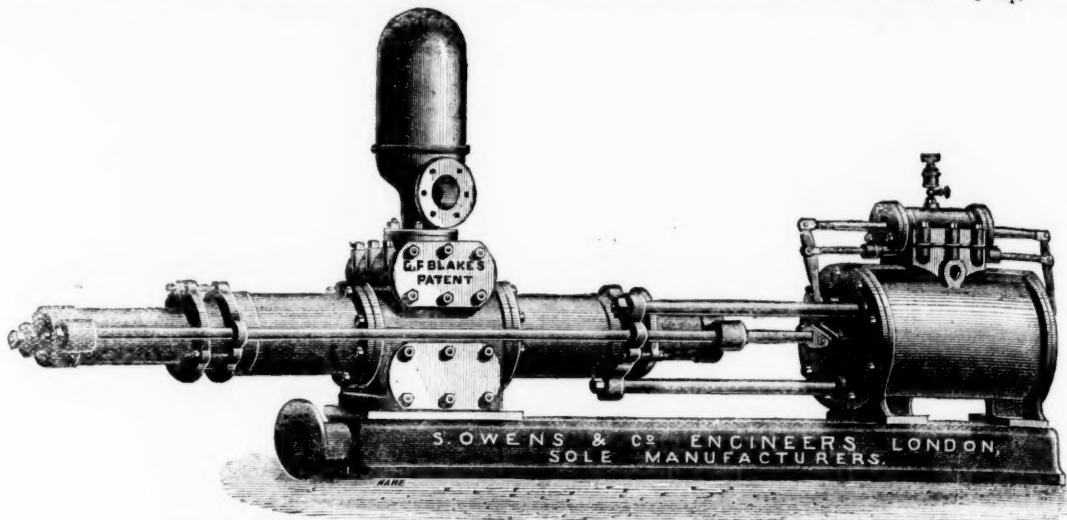
MORE THAN 8000 IN USE.

SOLE MAKERS FOR GREAT BRITAIN,

S. OWENS & CO.,

Hydraulic and General Engineers, Whitefriars-street, London;
And at 195, Buchanan-street, Glasgow (W. HUME, AGENT).

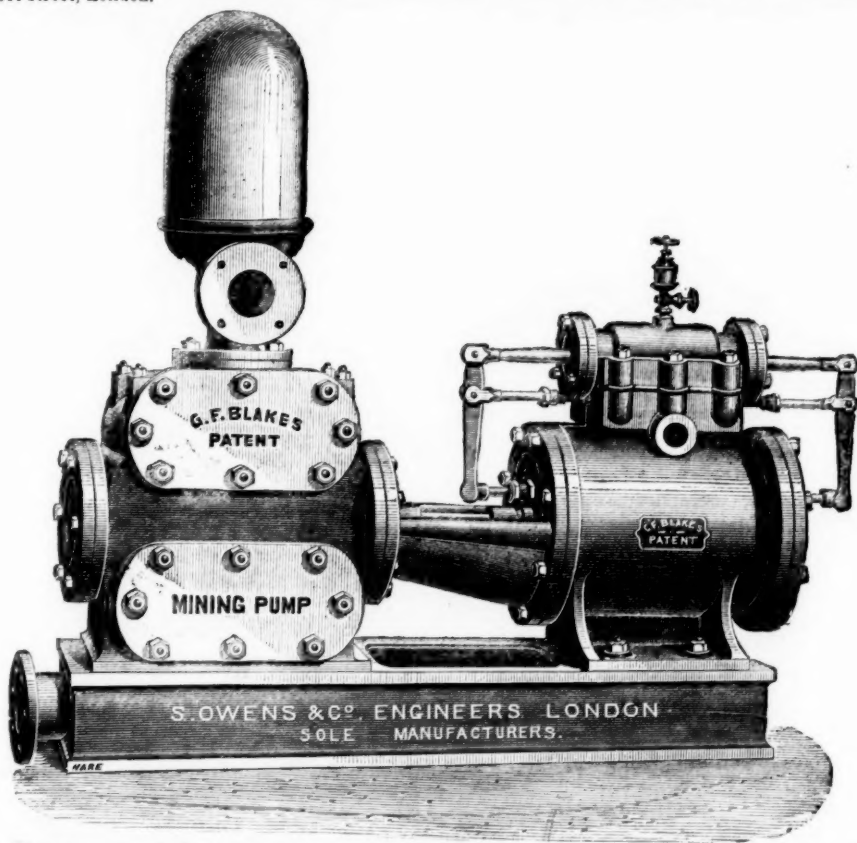
These PUMPS from their SIMPLICITY, RELIABILITY, DURABILITY, and ECONOMY are SPECIALLY SUITED FOR MINING PURPOSES, where large quantities of water require to be raised from great or medium depths with CERTAINTY. They are double-action in their construction, throwing a constant stream of water, can be made of any stroke to suit the space in which they have to work, can be arranged with any combination of steam and water cylinders to suit the pressure and lift against which it is desired to work them, are made of the very best materials and highest class of workmanship, and all working parts can be readily got at by any ordinary workman, and replaced if necessary by a duplicate part (all such being interchangeable) in the shortest possible time. For situations where gritty and sandy water has to be pumped the DOUBLE-PLUNGER PATTERN is recommended. Where space is limited the PISTON PUMP is better suited, a novel feature of which is the PATENT REMOVEABLE LINING, which can be removed in a few minutes and substituted with a new one, without disturbing any other part of the pump.



Blake's Improved Double-plunger Steam Pump.

S. OWENS AND CO.,

In placing the BLAKE STEAM PUMP before the mining world, believe they are offering the BEST, MOST RELIABLE, and ECONOMICAL PUMP that has yet been made, and solicit an inspection of various sizes in operation at their works, Whitefriars-street, Fleet-street, London.



Blake's Improved Mining Pump, with Patent Removeable Lining to Pump Cylinder,

Any combination of these Pumps may be had to suit circumstances. The following are some of the SIZES SUITABLE FOR MINING PURPOSES:—

Dia. of steam cylinders.. In.	12	12	12	12	14	14	14	16	16	16	16	18	18	18	18	20	20	20	20	24	24
Dia. of water cylinders.. In.	3	4	5	6	4	5	6	4	5	6	8	4	5	6	8	5	7	8	9	6	8
Length of stroke..... In.	18	18	18	24	24	24	24	24	24	24	24	24	30	30	30	30	30	36	36	36	42
No. of strokes per minute..	30	30	30	30	25	25	25	22	22	22	22	22	22	22	22	20	30	36	36	36	42
Quantity in gallons per hour, approximately ...	1440	2610	4200	5940	2940	4620	6600	2646	4158	5940	10620	2646	5160	7500	13260	4586	9000	12360	15660	6720	20

PRICES FOR THE ABOVE, OR ANY SPECIAL SIZE, AND ILLUSTRATED CATALOGUES FURNISHED ON APPLICATION.

PATENT CONDENSORS

Can be supplied for any size pump to effect a saving of fully 30 per cent. in the consumption of fuel, greatly increasing their efficiency.

The Blake Pump will work under water, and as efficiently with compressed air as with steam.

BLAKE'S DONKEY PUMPS FOR FEEDING BOILERS KEPT IN STOCK.



PARIS EXHIBITION, 1867.



VIENNA EXHIBITION, 1873.



LONDON EXHIBITION, 1874.



CORNWALL POLYTECHNIC SOCIETY, 1867 and 1873.

TANGYE BROTHERS AND HOLMAN,

10, LAURENCE POUNTNEY LANE, LONDON, E.C.,

AND BIRMINGHAM. (TANGYE BROTHERS), CORNWALL WORKS, SOHO,

FOR

"THE SPECIAL" DIRECT-ACTING STEAM PUMP.

Upwards of 12,000

OF

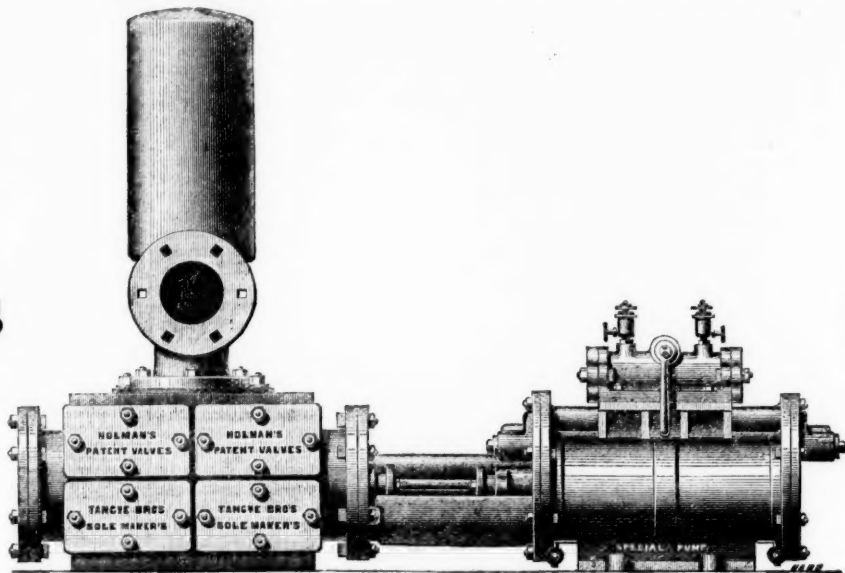
The "Special"

STEAM PUMPS

ARE IN USE IN

ENGLAND

And AMERICA.



200 SIZES

And combinations of

The "Special"

STEAM PUMPS

ARE NOW

MADE FOR EVERY VARIETY

OF PURPOSE.

GREAT REDUCTION IN PRICES.

The following sizes are suitable for low and medium lifts:—

Diameter of Steam Cylinder ...In.	3	4	4	4	5	5	5	6	6	6	6	7	7	7	7	7	8	8	8	8	8	9	9	9	9	9	10	10
Diameter of Water Cylinder ...In.	1½	2	3	4	3	4	5	3	4	5	6	3	4	5	6	7	4	5	6	7	8	5	6	7	8	9	5	6
Length of Stroke ...In.	9	9	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	18	12	12	12	18	24	12	12
Gallons per hour	680	815	1830	3250	1830	3250	5070	1830	3250	5070	7330	1830	3250	5070	7330	9750	3250	5070	7330	9750	13,000	5070	7330	9750	13,000	16,519	5070	7330
Price	£ 16	18	20	25	22 10	27 10	32 10	25	30	35	40	30	35	40	45	50	40	45	50	55	65	50	55	60	70	85	55	60

CONTINUED.

Diameter of Steam Cylinder..In.	10	10	10	10	12	12	12	12	12	12	14	14	14	14	14	14	16	16	16	16	16	18	18	18	18
Diameter of Water Cylinder..In.	7	8	9	10	6	7	8	9	10	12	7	8	9	10	12	14	8	9	10	12	14	9	10	12	14
Length of StrokeIn.	12	18	24	24	18	18	18	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Gallons per hour	9750	13,000	16,519	20,000	7330	9750	13,000	16,519	20,000	30,000	9750	13,000	16,519	20,000	30,000	40,000	13,000	16,519	20,000	30,000	40,000	16,519	20,000	30,000	40,000
Price£	55	75	90	100	75	80	85	110	120	140	110	120	130	140	160	180	140	150	160	180	200	190	200	220	240

Intending purchasers of Steam Pumps would do well to observe the great length of stroke, short steam cylinder, and short piston of the "Special" Steam Pump, as compared with the short stroke, long steam cylinder, and long piston of the Pumps of other makers, as the efficiency and durability of the machine, and the space occupied by same, greatly depend upon this. The advantage of long strokes will be obvious when purchasers are reminded that each set of suction and delivery valves of a "Special" Steam Pump with 24 in. stroke, running at 120 ft. per minute, would open and close only 30 times per minute, as against 120 times per minute in a Pump with only 6 in. stroke performing same duty.

The "Special" Steam Pump can be worked by Compressed Air as well as by Steam.

HUNDREDS of these PUMPS are USED for HIGH LIFTS IN MINES, for which purpose they are made with 21, 24, 26, 28, 30, and 32-inch Steam Cylinders, and 36 48 and 72-inch Strokes.

Holman's Patent Self-acting Exhaust Steam Condensers,

FOR ALL KINDS OF STEAM PUMPS AND HIGH-PRESSURE STEAM ENGINES.

Turns waste steam into
GREAT POWER.

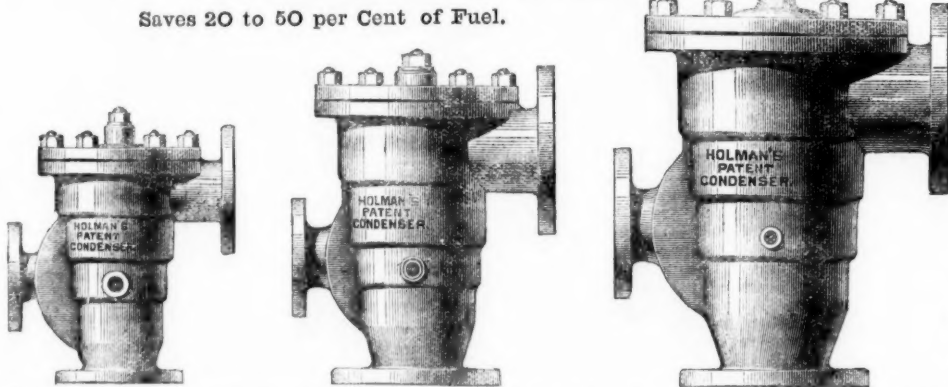
REQUIRES NO THREE-WAY COCKS,
CHECK, or REGULATING VALVES.

SAVES HALF ITS COST IN PIPES AND
CONNECTIONS.

PREVENTS ALL ESCAPE OF STEAM IN
MINES OR ELSEWHERE.

REQUIRES NO EXTRA SPACE.

Saves 20 to 50 per Cent of Fuel.



These Condensers are made to suit any size and kind of Steam Pump. They form a part of the suction pipe of the Pump, and while they effectually condense the exhaust steam, they produce an average vacuum of 10 lbs. per square inch on the steam piston, increasing the duty of the Engine, and effecting a saving in fuel of from 20 to 50 per cent.

In Mining operations these Condensers will be of great value.

All Boiler Feeders are recommended to be fitted with these Condensers, as not only is the exhaust steam utilised in heating the feed water, but is returned with it into the boiler.

The following Testimonial gives one Example of the Power Gained by the action of Holman's Patent Condensers:—

MORLEY COLLIERY, WIGAN, October 10th, 1874.

Messrs. TANGYE BROTHERS AND HOLMAN.

GENTLEMEN,—I have great pleasure in recording my entire satisfaction with the working of the Holman's Patent Steam Pump Condenser which you have supplied to us. The complete condensation of the steam is, apart from its value in the strict economic sense, a most valuable feature in the drainage of underground work.

Price from 30s. to 40s. per inch diameter of Steam Cylinder, according to the relative Diameter of Pump for which Condenser is required.

NORTH OF ENGLAND HOUSE
SOUTH WALES HOUSE...

TANGYE BROTHERS AND RAKE, ST. NICHOLAS BUILDINGS, NEWCASTLE-ON-TYNE.
TANGYE BROTHERS AND STEEL, Tredegar Place, NEWPORT, Mon.; and Oxford Buildings, SWANSEA.

Ancien Elève de l'Ecole des Mines, Paris.

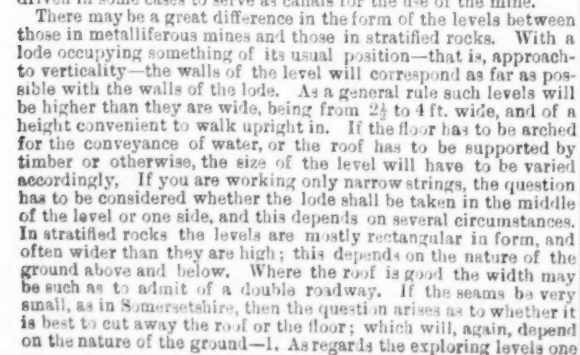
Gold.
Silver.
Platinum, &c.

Now ready, with numerous Illustrations, crown 8vo. cloth, 7s. 6d.; by post, 7s. 10d.

London: CHARLES GRIFFIN AND COMPANY, 10, Stationers' Hall-court.

[BY OUR SPECIAL REPORTER.]

Fig. 22.



The lecturer then referred to some of the great adits which had been cut for the drainage of large districts, being in many cases taken up by the Governments of the countries. One of the most remarkable of the last century is the Francisci level at Schemnitz, which passes under the main greenstone range for a distance of 1571 Austrian fathoms without the intervention of any shafts; this is being further carried out at the present day by means of the Joseph adit, begun in 1782. Since the introduction of dynamite the work has been pushed forward more rapidly; it is interesting, since it will be of a greater length than the St. Gotthard tunnel. The county, or Gwennap, adit in Cornwall drains a large tract of ground about

One of the most remarkable new ones is the Ernest August adit, near Clausthal, which, extending to a distance of 18 miles, was carried out in 13 years, and is a very good specimen of workmanship. One is now driving in America (the Sutor tunnel) to under the Comstock lode, at the great depth of about 2000 ft. to under the surface. It cuts the lode after about 4 or 5 miles, and is intended to be driven on the lode as far as it may hold good above. They are driving a large head 8' x 10' and up to August last had advanced 10,500 ft. from the mouth. Wherever mining districts are largely worked they are usually connected with a mountain or plateau, where adit levels of this kind can be used, and these have been carried out by a company, as in the Comstock lode, protected by Acts of Parliament, so as to secure a certain percentage if successful, or by the Government, as in Saxony, &c.

Mr. P. N. WORTH, F. C. S. (in a paper read at the Club.)

Mr. R. N. WORTH, F.G.S. (in a paper read at the Geological Society of London), adduced certain deposits found in fissures and caverns of the Plymouth limestone, as furnishing evidence in opposition to the views advocated by Mr. Belt in his paper on the Drifts of Devon and Cornwall. The best examples occur at Plymouth Hoe where the chief deposit fills a large "pocket" in the limestone, and consists (beneath the turf) of a bed of clayey soil, containing pebbles and small boulders, beneath which are patches of white and red clay containing a few pebbles, and overlying a large quantity of siliceous sand. Similar but slightly varying deposits, not unfrequently occur in connection with the limestone; and these are regarded by the author as the remains of concretionary deposits, which once occupied large areas in the valleys of South Devon; and these are not included in the term Drift. Both the latter are not representative of the district. The author states that there is evidence of the contemporaneity of the deposits with those of the Oreston caves; and he adds that they are probably the result of a cataclysmal action, but of of orderly disposition, the bulk of the pebbles being inland nearer the source of the debris, and further off the sands and gravels being regular succession. The author further explains the presence in Cornwall of the Drift, by reference to the position of the watershed in that county, which has only two rivers running to the north, whilst on the south-east rivers abound.

Mr. USSINGER stated that he had been inclined to consider that the sands having the Braye Valley were of peculiarly local occurrence; but the observations of Mr. Woodward as to their similarity to certain arenaceous deposits on Griton Hill and the Blackdown Hills, recalled to his mind an instance where in a part of the former sand of granitic origin, much resembling portions of the sands in the neighbourhood of Newton, is shown underlying an accumulation of broken Devonian chert in a clayey matrix, ascribed by Sir H. De la Roche and F. de la Roche to the same origin. Owing to the removal of the post tertiary deposits, he was unfortunately unable to trace any connection between the sands of which Mr. Woodward's paper treats skirt the Braye Valley, and those from less than 100 to more than 500 feet above the sea level, dipping down the slopes of the hills at angles roughly coincident with them, as gravel seems to be the deposits show. Hence it seems evident that they cannot have been originally deposited upon their present uneven surface, but owe their position to those forces of elevation and depression, the presence of which in Devon during the post tertiary period is so abundantly attested. Mr. Woodward, however, does not require any further information from Mr. Woodward—as to the direct up-throw of the Braye sands upon the clays of the Braye Valley; for he agreed with Mr. Woodward, that the superficial deposits of the valley, including the gravels of the Zetland (in which the woolen doll or idol was found) were of much later date, and that the re-distributing action of the stream now occupying the valley at a period since its volume was much greater than at present. With Mr. Woodward's ready acquiescence in considering that Mr. Belt's explanation of the gravels of Devon and Cornwall as the result of a general dispersion involving more or less of easterly wind action, and the absence of a clear order of sequence, manifested for instance by the gravels on the lower valleys as those of the Exe, Otter, Taw, and Torridge, in flattening a successive position by the former representatives of the present streams in their erosion of the valleys, the most recent deposits occurring as alluvial and gravelly conical flat tracts of land through which the rivers now flow. He considered that if, in addition to the evidence furnished by these gravels, the raised beaches on the Dorset coast, the raised terraces of the Exe, and the angular debris overlying them, the cavern deposits of Devon and other phenomena, were taken into account, an order of sequence proving physical changes might be established, and from some conclusion respecting the vicissitudes experienced by the coast of Somerset, Devon, and Cornwall during the Pleistocene epoch might be arrived at.

Mr. THORPE was glad that steps had been taken for properly working out the interesting district, as there were few reliable papers on the subject, Mr. Holt's elaborate paper being in many points untrustworthy.

The PRESIDENT read a letter from Mr. H. B. Woodward, in which the latter stated that his reason for bringing this paper forward was that many settlements had been made in the district for the purpose of building purposes among the 'Newtons' about which would soon be obliterated. The President also said that he had been over the ground mentioned by Mr. Worth in his paper, and entirely agreed with the views expressed by that gentleman.

ONYX.—Mr. Lassie, C.E., read a paper at the Society of Arts "On the so-called Deposits of Onyx near Mexico, and their Value as Decorative Material in this Country." There were exhibited on the table many beautiful specimens of the onyx of Mexico, which, as was stated by the author of the paper, had brought him, after a careful comparison with similar materials from other lands, to the conclusion that there had been discovered for the use of the nineteenth and succeeding centuries a material which had never been eclipsed in point of natural magnificence. After an elaborate and exhaustive description of the precious stone called onyx as a steganomic deposit, the paper said that a material similar to that which was exhibited on the table had been used as a decorative material from the very earliest times, of which fact many historical instances were given in the paper, as well as a description of the nature and manner of dealing with the stone in bygone ages. The paper then quoted a variety of statistics in reference to the quantities and the prices of the onyx that was used. The reader of the paper remarked that the application of this substance had not hitherto been very extended, owing to the fact of its recent introduction to Europe. After enumerating a few of the functions out of many in architecture which such a material as onyx might well perform, Mr. Lassie, in conclusion, said that "the true position of this beautiful stone amongst us is to heighten the duller charms of our own native materials, and to relieve us from the abominable iteration of marble slabs, here, there, and everywhere,—pillars of granite to the right of you, pillars to the left of you, and tiled walls and floors, upstairs and downstairs, and in my lady's chamber."

DYNAMITE EXPERIMENTS.—On Tuesday an interesting series of experiments was made at the works of the British Dynamite Company, in Ayrshire, in the presence of Lord Dean of Guild King, James Deas, C.E., Clyde Trust; Mr. David R. Swan, Chairman of the committee of management of the Clyde Trust; Mr. C. R. Dundas, Chairman of the British Dynamite Company; Mr. David Wilson, and Mr. Hugh Beckett, directors, and Mr. Cuthbert, manager; Mr. Broadrick, superintendent, Leith Docks; M. Fautrier, manager of the French Dynamite Company, Pyrenees; Messrs. George Keith, James Wilson, D. Dick traffic manager, Glasgow and South-Western Railway; H. Grierson, Glasgow; Donaldson, Stevenston; G. Sullivan, Manchester; J. P. Paton, Glasgow, and others. The object was to show that dynamite when properly handled is by no means a frightfully dangerous and disastrous compound as is generally supposed. The experiments were arranged that the first object was to show that the compounds were to be made. Mr. McRoberts stated that the first test to which material would be subjected would show that dynamite would not explode when a lighted taper was applied to it. A box of cartridges was next crushed beneath a heavy mass of iron dropped upon it from a height of 30 ft., no explosion took place. The cartridges in the box are first in side up into 5 lb. packages with a thick oilskin covering round each package, and a water proof wrapping then put round all the parcels to keep them in good condition. On exploding a smashed box, it was found that both the water proof envelope and the oilskin envelopes round the packages were cut in several places, but the dynamite was preserved in its integrity and lay unaltered in the place, but had no appearance of having suffered by the blow which it had sustained. The powder was afterwards collected and used effectually in other experiments, which showed that it had deteriorated in value. The whole of the experiments were most successful, and conclusively proved that dynamite can be transported from one place to another without anything like the danger which it is popularly supposed to entail. The company were afterwards entertained to luncheon in the laboratory of the works. The chair was occupied by Mr. R. Randolph, and the Lord Dean of Guild presided. In proposing "Prosperity to the British Dynamite Company," the Lord Dean of Guild expressed the hope that all the obstructions which were to be put in the way of the carriage of dynamite would soon be withdrawn, and that the company would overcome the disadvantages to which they were subjected.

EPPS'S COCOA—GRATEFUL AND COMFORTING.—"By a thorough knowledge of the natural laws which govern the operations of digestion and nutrition, and by a careful application of the fine properties of well-selected cocoa, Epps has provided our breakfast tables with a delicately flavoured beverage which may save us many heavy doctors' bills. It is by the judicious use of such articles of diet that a constitution may be gradually built up until strength is enough to resist every tendency to disease. Hundreds of subtle maladies are thus floating about us, ready to attack and subvert our health. We may escape many a sharp shaft by keeping ourselves well fortified with pure blood and a properly nourished frame."—*Civil Service Gazette.*

1990-1991

BRITISH MINES.

GREAT DYLLIFFE—Edward Rogers April 12: Dylliffe Lode: A small, but interesting cast of boundary shaft, the lode is just the same as last reported on, worth 11 per fathom. In the 45, driving west of the winze, the lode is worth for copper an good 147 per fathom. At the 40, driving east of boundary shaft, there has been a lode taken down during the past week. The winze in bottom of the 25, east of

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

life, with ample water-power for a steam-mill or any other
Cordero, of Chili, 62 to 7; subsequent to the special inspection of Mr.
Nash Coward, a communication has been received announcing that
the lode in the bottom of the principal mine (the Isolina) has under-
gone a most important change, the ore yielding 110 ozs. silver and
62 per cent. lead per ton, the lode being 3 to 4 ft. wide, with soft
ground. The workings at the other mines improve notably, and the
captain writes, "If the sample of the smalls give the ley, I antici-
pate to be able to send forward a remittance of ores of far superior
ley to what the Isolina is supposed to give: the pile of ore increases

M R. R. PERCY ROBERTS
FINANCIAL AGENT,
60, ENGLISH STREET, CARLISLE.

Notices to Correspondents.

* Much inconvenience having arisen in consequence of several of the Numbers during the past year being out of print, we recommend that the Journal should be read on receipt; it then forms an accumulating useful work of reference.

SIR,—Can any reader give me some information about the Blinman Consolidated Copper Mining Company of South Australia? I have not seen anything about it for nearly two years, and have written to the office, but received no answer. —B. H. Y.: *Hulfox, April 11.*

COPPER QUOTATIONS.—“H. R. M.” and others.—It was by a clerical error that Chili bars were quoted 82½ in the Price Current in last week's Journal; it was, however, stated in the “Remarks” beneath it, referring to copper, that “The closing quotations for Chili bars at which business has been done is 78½, and prices come strong from Liverpool,” &c.

MINING IN ITALY.—“E. A.” (Arenzano, Genova).—As we never interfere in any business connected with the buying and selling of mining properties, we are unable to entertain your proposition. Your best course will be to apply to a mining broker, the names and addresses of many of whom will be found on the front page of the Journal. Co-operation might also be obtained by advertising, the cost of which will depend upon the nature of the announcement. As to the proprieties themselves, we will publish, without charge, descriptive notice explaining character and facilities for exploitation upon being furnished with the necessary particulars.

CALORIC ENGINES.—“R. A.” (Dulwich).—Several of Roper's engines were sold and set to work in London and are probably still working. One was to be seen at the office of Mr. P. Dangerfield, lithographer, of Bedford-street, Strand. It seemed to work well, but the room in which it was used soon became insufferably hot. This, however, would appear to be an easily-remedied difficulty, as the engine could readily be enclosed in a casing, and the hot-air carried off by a pipe after it has done its work.

SEWING MACHINE MOTOR.—“W. M.” (Leeds).—A small engine, with boiler, heated by gas, has long been sold in London for working sewing machines, but it has not come much into favour owing to its cost (7½ or 8½), and the trouble attending its use. The engine itself is a very simple affair, the speed being regulated by a very sensitive cock between the boiler and engine, and under the control of the foot of the lady who may be working the machine. The size of the boiler for an ordinary machine is about 2 ft. by 1 ft., its form being that of an upright cylinder.

Received.—F. M. P. Carin (Cimarron, New Mexico).—“T. C.”—“H. B.” (Michigan).—“San Francisco” Chronicle, March 31.—“Shareholder” (Richmond).—“J. M.” (Adelaide). We will endeavour to comply with the request.—“Reader” (Yarmouth).—“Shareholder” (West Chiverton) should attend the meeting, when he can express his views. We could not publish the letter without his name being attached.—“Nemo.” Next week.—“B. S.” (Malden).—“W. T.” (Ballydooley). Next week.—“C. H. G.” (St. Agnes Consols). See a paragraph in another column.

THE MINING JOURNAL,

Railway and Commercial Gazette.

LONDON, APRIL 22, 1876.

THE PROSPECTS OF THE CLEVELAND IRON TRADE.

We have now arrived at a time in the year when with some show of feasibility the prospects of the Cleveland iron trade may be, in a measure, estimated. In the spring there are usually orders placed which largely affect the amount of crude iron to be sold, and there are generally contracts taken on which much of the available power of production of finished iron depends for employment. It is now no secret in Cleveland that, so far as the latter are concerned, they are disappointing both in number and extent, but the same cannot be so fairly said of the orders for pig-iron. There has been, however, for some time a steady increase of stocks of crude iron in the hands of makers, especially in the Middlesbrough district, until the totals for the whole of the Cleveland masters' district have now reached more than 100,000 tons. But of this it may, in passing, be noticed that the makers within the limits of the Middlesbrough Chamber of Commerce hold about one-half, and they have begun to ship larger quantities. The make of pig-iron has probably reached its present maximum—the amount made in the month of March being no less than 183,879 tons—but four or five furnaces for repairs in the Middlesbrough district will lessen the amount now being made, and with the increased shipments will tend towards a reduction of stocks, though this will scarcely be apparent this month, owing to the occurrence of holidays, and the consequential laying off of forges. But the increased amount of iron sent out of the district foreign, and to other home centres where low-priced Cleveland pig-iron always commands a sale, show that the movement has commenced, and a reduction of stocks in the Cleveland district will ensue, which may bring about one or other of the inevitable consequences of reduced stocks. Either the production will be stimulated to an extent causing the re-lighting of some of the 50 furnaces in the district now out of blast—many of which are closed for other reasons than for repairs—or it will cause a stiffening and an increase of prices with a diminished demand. There is little or no probability of reduced rates for pig-iron in Cleveland. The demand, as we have seen, is increased, and this partly precludes reduction, and there is no likelihood of any appreciable reduction in the cost of production. There is no prospect of lessened cost of the raw ore, and if any reduction ensues in the wages of blast-furnace men, it will be limited in amount as probably will any further fall in the price of coal or coke, so that any reduced cost in the price of raw materials will only influence ironmaking by granting some relief to ironmakers; and it is felt that the present prices of pig-iron are sufficiently low to make the purchase of pigs remunerative as a speculation, it being known that some makers cannot make them except at a loss, whilst others more favourably situated make a bare profit only. But as present tendencies are in favour of makers, it is probable that we shall see little reduction in the make of iron, that prices will tend in favour of ironmakers, and that if there were a better local demand a larger use would be made of the productive power at present idle.

There is at present a good demand for pig-iron for foundry purposes, which will probably continue for some time. The tube and pipe works are especially busy with contracts for local gas and water extensions, long rendered necessary by the growth of the district, and for general casting purposes there is still a fair demand. At the forges increasing dulness prevails. The manufacture of rails has fallen down to its minimum, the amount of rails made in the three months ending this year having been only 38,000 tons, at mills making a year or so ago double that quantity, whilst, at the same time, the amount of plates, bars, and angles has not materially varied. It is, then, to the declension in the rail trade that the present extreme dulness in the finished iron trade is traceable almost completely; and as there is now increased competition with the Welsh makers, and as there is (in spite of the deterioration in the quality of steel rails) an increased use of the latter, in no way lessened by the lower prices at which they are now supplied, the prospects of the Cleveland rail makers are far from good. What may be the effect of Mr. I. LOWTHIAN BELL's experiments and attempts to make “bed-fell” rails from Cleveland metal it is doubtful to say, but it is tolerably certain that the ordinary iron rails, even at present prices, are at a discount when compared with steel rails; and thus some of the largest rail mills in the Cleveland district are entirely closed, whilst others work fitfully and partially. At the plate mills there is generally work sufficient in hand, but orders now fall in slowly, and increasing fears are felt that this class of work will be scarce unless there is greater animation in the freight market to induce orders for new vessels; and although merchant iron is in some parts in fair demand, it forms only a small proportion of the finished iron made in Cleveland, whilst the angle iron trade is affected by the same causes as those affecting plates both for shipping and boilers. Altogether the prospect for the makers of finished iron is at present an exceedingly dull one.

Although there is at least a belief arising that the lowest depth of the depression has been reached, and that surely, if very slowly, there are arising the signs of the dawning of a better and brighter day. How far that belief is well founded time only will show, but it is at least held by some whose judgment is considered reliable. There are various causes which might accelerate the approach of increased briskness in trade; and as far as is observable there are few probable retarders. Until, however, the notice which has been given on behalf of the ironworkers of a claim for a revised scale of wages is settled, it will be more than ordinarily difficult to forecast the position; but when a settlement in this respect has been come to we

may witness a state of affairs in the finished iron trade more like that of normal times, for with wages low comparatively, cheap raw material and fuel, the future should not be so gloomy as at present. There are large railway extensions in progress and in contemplation at home—especially in the North—and abroad, and these should give to the prospects of the iron trade a little rosier coloring. And as there is a large amount of wear and tear on lines opened always in progress, and as it is probable that orders placed for a few months have been under the usual requirements, we should be accumulating wants until it is thought that the lowest price has been reached, which now can scarcely be far distant. When these orders thus accumulating begin to be given out the rail mills of the North may be again commenced; and as some of our continental customers are beginning again to order—in however limited quantities—and as the iron industries of France and Belgium are feeling a revival of trade, we may fairly expect that it will shortly extend to our own shores.

THE COLLIERY DIFFICULTIES IN SOUTH YORKSHIRE AND DERBYSIRE.

It is a melancholy picture which is being painted in South Yorkshire and North Derbyshire by the miners. The resistance they are making to the indispensable requirements of their employers is, to say the least, dispiriting. We had hoped that men who had been privileged above their fellows with the amount of work which they have lately been doing would have been prepared to unite with something like cordiality in the efforts which their masters have found it necessary to take in order to get orders for themselves and work for the operatives. It cannot be denied that the colliers in the districts now at unrest have been provided with more work, and during a longer time, throughout the current depression, than those in most other colliery districts in the kingdom. Their masters deserved better treatment at the hands of the men than they are now receiving. From the readiness with which the colliery owners of the combined district mentioned have hitherto been paying their men the highest possible wages, the latter should have been prompt to infer that a reduction of any kind, much less an undue reduction, would not have been declared; and that when it was declared it had been delayed to the utmost limits compatible with the good of either employer or employee. When in such a case we find men asking that terms altogether impracticable shall be accorded to by the colliery owners we are discouraged in the expectation that our miners, either by their past success or by their Unions, have learnt that consideration which should distinguish men who call so loudly to be recognised as equal with their employers in intelligence and forethought.

Happily there are some of their number who are not so unreasonable, but those who display a different temper are only a very small minority. But for the fear they have of the obstructionists that minority would nevertheless be more numerous, for there are many men working in the collieries of Yorkshire and Derbyshire who have such knowledge of their masters and of the circumstances surrounding their common industry as would make them ready to offer in considerable numbers to accept the inevitable without being driven to those ruinous resources to which the majority are now resorting. Besides, there are more men than are now confessing it, whose personal experience, and whose reading, have long ago convinced them that few struggles to uphold wages in a falling market are attended with success. If the Union leaders had done their duty by these South Yorkshire and North Derbyshire men they would have taken more pains to instruct them in the elementary principles of political economy, and have displayed less concern to uphold the noisy bulk in their unintelligent claims of the assumed “rights of labour,” as compared with those of capital.

The result is fast appearing. Unless there is more moderation displayed by men and leaders alike there will be a considerable expenditure of good money in a hopeless cause, faith in the Union will be lost, and its strength will be very greatly diminished. The leaders must begin to set their house in order. For the end is not yet. We have not passed through all our difficulties. Every pound of the Union funds will be needed for better purposes than those to which they are now being devoted before the business of the country at the pits and the ironworks has regained a state of prosperity. We do not charge the leaders with countenancing illegalities, and do not believe that they would countenance them; but if earlier the rank and file had been better taught there would not have been the necessity for the prosecutions which have recently taken place. The magistrates did their duty in the interest of public order, and the employers of the men assailed did their duty in not discouraging steps which their injured men took in calling in magisterial help. The rights of the men who are willing to work should be regarded as sacred by all, and we cannot but think that the acts of violence which have disgraced the strike in the past few days accurately presage an early collapse of the opposition.

MONEY AND IRON.

It must be apparent to the dullest observer that a very great revolution has been wrought in the London money market during the last six months. In the first week of October, 1875, the Ottoman Porte published an irade, by which it was announced that only half the coupons and drawn bonds of the public debt of Turkey would be paid in cash for a term of five years, payment being promised of the remaining half in new 5 per cent. stock. The full significance of this measure was scarcely appreciated at first by the outside public, who assumed that the disaster was at the most only local in its effects and character; and that although the irade might cut down the 6 per cent. of the Turkish bondholders to (say) 3½ per cent., the creditors of Turkey were, after all, more frightened than hurt, and that they would not fare so very badly—especially for a short five years—upon their amended incomes. This reasoning might have held good if Turkey had kept to the new engagements which she voluntarily assumed just six months since. But Turkey has failed to meet with punctuality even the half-interest which she promised to pay, and the English idea of such matters is that interest which is not punctually paid is not really paid at all. Since October, 1875, it has been conclusively proved that Turkey is not only a prey to inherent social weakness, but that she is also once more in danger of something very like political disintegration, and this time without its being probable that she will receive any further material assistance of importance from either England or France. The immediate result has been that the notorious irade of October, 1875, has come to be regarded as worth little more than waste paper, and the nominally 6 per cent. 100L bonds of Turkey have actually changed hands during the last few days at 13½ or 14½ each. Moreover, the Turkish disaster has proved to be far more than the local evil which it was at first supposed to be. So far from its being local in its character, the evil example of Turkey has exercised an unhappily contagious influence, and the bonds of Peru, although once in good repute, have fallen almost to zero, while the securities of Spain or Egypt may be had for five or six years' purchase. The list of defaulting States which have succeeded in fleeing the unfortunate British public is now one of formidable length, and it is possible that it will lengthen still further before 1876 has run what appears likely to be its gloomy course.

The world's industry is guided and controlled by the London money market, and there can be no doubt that the events to which we have been directing attention must have a considerable influence upon the future course of the iron trade of this country. This influence is, in fact, being exerted already. The utter inability of the more doubtful foreign Governments to raise more loans is making them very economical, and they are avoiding all heavy commitments or guarantees. Until Peru, for instance, can recover her credit, she has little chance of carrying on railway extensions with any vigour, and the same must, we fear, be also said of Egypt. As for Turkey, her railway guarantees are now about as good as her national credit, and the work of railway extension must for many years to come advance very slowly in the still only half-civilised territories of the Porte. Altogether, the serious step taken by the Turkish Government in October, 1875, seems likely to lead to a very great displace-

ment of capital, or rather to a very great diversion of capital. The present generation will not lend very freely again to South American Republics; but there is no reason why British capital should, in consequence of the recent course of financial affairs, be hoarded in a miserly, unfruitful fashion. Our money may profitably go—and probably will profitably go—into the leading British colonies, and especially into Australia and New Zealand. The last-named interesting group of settlements has made slow progress hitherto, but its merits are now beginning to be more justly understood and appreciated, and population and capital seem likely to flow into them much more freely in consequence. This being the case, we may expect to witness a steady prosecution of Australasian railways; and as the iron manufacture of the Antipodean settlements has reached at present a very imperfect stage of development, there would seem to be a fair prospect of a continuance of a reasonably good demand for our iron on the other side of the world. In India, again, there is still plenty of scope for the work of railway development, and as the credit of the Indian Government is deservedly good, capital will probably not be wanting for its prosecution.

IRON-MAKING BY LIMITED LIABILITY.

The number of iron-making concerns previously carried on upon the joint-stock principle by limited liability is about to receive a notable addition. How extensive have been re-organisations of this class may be inferred from the fact that, representing in no small part iron-making companies, Mr. J. O. Chadwick (Chadwicks, Adamson, Collier, and Co.) Lombard-street, has taken the leading part in transferring property worth 64,000,000L. In this sum is represented Boleckow, Vaughan, and Co., and other great companies situated in the North of England. And it is altogether satisfactory to notice, at a time when so much that is unfavourable is being said about the limited liability principle in mining and ironmaking, that all the companies embraced in that aggregate are even in these depressed times paying dividends. The most recent addition to the previous list will be that of the famous Staffordshire firm of Messrs. G. B. Thorneycroft and Co., Wolverhampton. On behalf of a joint-stock company Mr. Chadwick has, as trustee, entered into an agreement with the former proprietors for the purchase of the collieries, the blast-furnaces, and the mills and forges of that company. The reorganisation in this case is due to the partnership having been dissolved by effluxion of time, and to some of the partners being desirous of retiring from active business. The works and properties have been estimated at their profit-producing capacity, and as between incoming and outgoing partners. The collieries and ironstone mines have been valued by Mr. Wm. Armstrong, of Durham; and the ironworks by Mr. Edward Williams, late general manager of Boleckow, Vaughan, and Co. (Limited). The sum to be paid for the purchase is the amount of their joint valuation—74,000L, together with the value of the stocks on hand, to be taken at cost price valuation on the day of transfer, and a further sum of 1500L, the agreed value of the vendor's interest in surface lands included in Messrs. Armstrong and Williams's valuation. The valuation of the stocks is estimated to amount to about 4500L. No sum will be paid for goodwill. The valuation of the Boleckow properties has been made subject to the payment by the purchasing company of the further sum of 27,000L, by half-yearly instalments, extending over nine years. It appears from the value's report that the quantities of coal still unworked in the property are estimated at 1,235,000 tons and 170,000 tons of ironstone, that there is sufficient fire-clay within the field to furnish the present production for many years, and the present annual output of coal is about 60,000 tons. The value's report that the two blast-furnaces at Bratley, and the Shrubbery and Swan Garden Ironworks, at Wolverhampton, being united by railways and canals, are worked in connection with each other; that the production of pig-iron from these furnaces has for some years averaged over 11,000 tons per annum, and that improvements which are now in progress are expected to increase this output in future to 15,000 tons per annum; that the finished iron produced has averaged in recent years over 25,000 tons per annum; and that the works are capable of producing from 35,000 to 40,000 tons per annum. The iron-merchants and agency business of the concern, so long established in Thames-street, is to go over to the company. Of the total purchase-money the vendors take 50,000L, in debentures carrying 5 per cent. interest, and payable in six years, and a moiety of the residue in fully paid-up shares. The balance is payable (10,000L) on taking possession, and the remainder in six months. There is no promotion money of any kind, and the directors will be members of the old firm, aided by Mr. Alfred Hickman, the largest pig-iron maker in South Staffordshire, and Mr. David Chadwick, M.P. for Macclesfield, and others.

VENTILATION OF COAL-LADEN SHIPS.—The Right Hon. H. C. E. Childers and the other members of the Royal Commission on the ventilation of coal-laden ships on Thursday visited Liverpool and Birkenhead on a tour of inspection. The Commissioners, who were accompanied by Messrs. Forwood and Sanderson, of the Dock Dept., and a number of the leading coal shippers, first went to the Barclay Moore Dock, Liverpool, and expressed great approval of the measures adopted there of loading coal. They afterwards went to the Mabeth Dock, Birkenhead, and Mr. Childers and several other gentlemen went personally into the hold of the Ocean King, a large vessel taking in a cargo of coal.

MINING IN SAXONY, AND THE SILVER QUESTION.—The depreciation of silver and prospective adoption of a gold standard throughout Europe has caused much apprehension in the kingdom of Saxony, which would lose considerably by the general demotion of a metal which is one of her chief mining products. Should the recent rapid fall in value continue, the cost of production in many of the Saxon mines would become relatively too high, and an important reduction of the output would necessarily ensue. With reference to this question the Saxon Statistical Bureau has just published some particulars of the output of silver from the long-celebrated Freiberg mines, from which this metal is the principal extract. From these tables it appears that the selling price of Freiberg fine silver was in 1861, 1862, and 1863, 89 marks (M. 9s.) per German lb. During the next few years the price rose, and in 1869 it was 89 marks 56 pfennig; but since 1870 it has steadily declined, the fall being most rapid in 1875, and, of course, during the early part of this year, from 84 pfennig to 78 marks (3L 18s.) at the end of last month. In no year during the same period has the output been less than 51,123 lbs., and in most years considerably more, as in 1875, when it reached 119,574 lbs. The products from the royal mines in Saxony, and the metallurgical and chemical works pertaining to them, amounted in 1874, in weight, to 37,114,300 lbs., in gold, silver, lead, and other metals, alloys, and manufactures. The total value was 14,046,489 marks (702,325L), of which sum 392,955 marks (19,648L) represented fine gold in small gold coins, and 6,971,111 marks (347,855L) silver. The Statistical Bureau concludes its report by saying that possible eventualities in the silver market should be prepared for, as it will be seen from the figures given that the direct loss to the Saxon Exchequer from a decline in the value of silver might easily amount in a few years to a very large sum.

COAL AND IRON IN THE UNITED STATES.—Simultaneously with the resumption of coal mining, a number of iron mines near Reading, Pennsylvania, have been re-opened. The Pennsylvania Railroad Company has made a reduction of rates for the conveyance of bituminous coal. The Boston market has ruled quiet for English coal; some sales have been made of small lots at 23s per ton. In Scotch and American coal there has been no change at Boston. Cumberland (Maryland) has been quiet, and prices have remained unchanged at Boston. Gas coal continues to be contracted for at 34s 2½ per ton. Anthracite coal has been dull at Boston, with a moderate retail demand; sales have been effected at 37s 7½ per ton, according to quality. The movement of coal from all the coal regions of Pennsylvania to March 25th is year was 3,091,019 tons, against 2,973,214 tons in the corresponding period of 1875, showing an increase of 117,805 tons this year. The American Board of Supervising Inspectors of Steam Vessels has adopted regulations for a

COAL MINES REGULATION ACT, 1872.
EXAMINATION FOR MANAGERS' CERTIFICATES OF COMPETENCY.

DISTRICT UNDER THE CHARGE OF RALPH MOORE, Esq.,
H.M. INSPECTOR OF MINES.
250,000 tons of iron, 1730 tons of copper, 1452 tons of lead, and 540 tons of zinc, making a total of 296,722 tons, a quantity equal to about one-fifth of the total mining operations of France, which is valued at 7,000,000 frs. per annum. The Consol states that the Aurès mountains team with mineral wealth, which has yet to be developed. He visited them last year, and reports not a single European to be found there.

REPORT FROM CORNWALL.

April 20.—This is a holiday week, and the result is that there is absolutely nothing to comment upon with regard to mining matters. There is no change worth speaking of, either for the worse or for the better, and we must wait a little longer before we are likely to see anything of moment. Mining affairs have rarely been in so sensitive a condition, everything is conducted on the hand to mouth principle, and the slightest variation in demand or supply is felt almost instantaneously in every branch of mining operations.

By and-by there are likely to be a few matters of interest to record in connection with local railways. The East Cornwall Railway Bill, now before Parliament, is reported to be making satisfactory progress, and the works are likely to be commenced very speedily after the Bill is passed. The line will not only open up the important Gannislake and Callington district, but will bring the South-Western line independently some miles nearer the three towns than it is at present, and a line thither down the end bank of the Tamar is at present, and the Cornwall Mineral Railways have not yet quite upon the cards. The South Devon Railway, now amalgamated with the Great Western, its shareholders have held their last half-yearly meeting, when a dividend at the rate of 14, 4 per cent. per annum, was declared.

The works on the Red River are now the merest shadow of what they were formerly. Where once every part of available space was occupied only 18 works are now in operation, and it is understood that few of these are making a profit; the dues, moreover, in several cases having been considerably reduced below the eighth part formerly. The tin extracted is of inferior quality. The quantity is estimated at 40 to 45 tons a month, and the annual value at about 15,000l.

WHEAL WREY, LUDCOTT, AND NORTH TRELAUNY COMPANY.—At a large and fully attended meeting convened by the opposition committee, who have protested against the directors' proceedings as informal and illegal from the commencement, held at the London Inn, Liskeard, on Tuesday night, in reference to the call of 10s. per share now being demanded by the company's solicitor, with costs of his application, and an additional 6 per cent. to be attached, Mr. John S. May was voted to the chair. It was unanimously resolved to vigorously defend any measures they may adopt, so as to have a thorough exposure and a full investigation of the whole concern from the first start. The funds show an available balance for future requirements. The services of Mr. J. G. Chilcott, solicitor, of Truro, were still retained, with full instructions to resist any payment, as no balance-sheet has ever yet been presented, and no expenses incurred on the mine (not even the leases secured), the shareholders being kept in total ignorance of their position, and are at a loss to know what constitutes this most exorbitant demand.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

April 20.—The Easter holidays have this week, as usual, interrupted the course of business in the Iron Trade. The prospects are not at all encouraging, the decision of the ironmasters on quarterly to make no reduction in prices having brought matters to a virtual "dead lock." Under existing circumstances the current quotations are little more than nominal. For common unmarked bars the rate is 7s. 10s. to 8s. 10s. per ton, and for branded ditto, 9s. 10s. to 10s. per ton, other descriptions being in the usual proportion. The manufacturers of finished iron who make largely for local consumption—such, for instance, as Messrs. Dawes, of Bromford, who roll strip for the back trade—are much better supplied with orders than those chiefly dependent upon distant markets. The manufacturers of galvanised roofing sheets have a few colonial orders in hand, and prices are moderately well supported, but the condition of this branch of the trade is by no means satisfactory. Generally speaking, the finished iron trade of the district can only be described as "stale, flat, and unprofitable."

Three or four more furnaces have been blown out in South Staffordshire during the last fortnight, including one by Mr. J. Holcroft, at Brierley Hill; one by Mr. D. Rose, at Bilston; and one by Mr. T. Crow, at Bilston; so that the number at present in blast is only 58, as against 105 or 110 when the iron trade is in its normal condition. Owing to the slackness of orders, the holidays which commenced on Good Friday will be prolonged. Most of the works are expected to remain idle for a fortnight at least. The new rate of wages to ironworkers, as decided by the Mayor of Birmingham on Friday last, will be 8s. 9d. per ton, to take effect for and after the week ending the 25th inst. This new rate, involving a reduction of 6d. per ton, has so far excited no expression of dissatisfaction on the part of the men. The subscriptions paid in by the latter for the last quarter for the maintenance of the Arbitration Board show an almost universal approval of the constitution of that board on its new basis.

The Staffordshire Joint-Stock Bank, which has an extensive connection with the iron trade of the district, will open in a week or two a branch at Wolverhampton.

The following were among to-day's quotations on the Birmingham Stock Exchange:—Haunstead Colliery, 1½ prem.; sellers; Cannock and Huntington Colliery, 1½ prem.; sellers; Sandwell Park Colliery, 28; Perry Colliery, 3 prem.; Mid-Cannock Colliery, 26; Spon Lane Colliery, 4 dis.; sellers; Ivy House and Northwood Colliery, 1 dis.; J. Bagnall and Sons (Limited), 53; sellers; Chillingham Iron, 41; sellers. The tone of the market is decidedly flat.

The Birmingham Daily Post has the following trenchant article on a subject which has for some little time past excited great interest in the mining districts of Staffordshire:—

"What has become of the Hartley Colliery fund? About 50,000l. were subscribed for the sufferers by the Hartley Colliery accident in 1862, and when these claims had been provided for the surplus fund was divided amongst several of the collieries by local accident. Questions have several times been asked with reference to the management and appropriation of the part of the money given to the Staffordshire district, but no replies, so far as we know, have been elicited. On Monday, at Stoke-on-Trent, the subject was revived in such a pointed manner as to render it imperative upon whoever may be concerned to give some explanation as to the position of the fund, and the uses to which it is being put. Attention was drawn to the subject by the committee of the North Staffordshire Miners' Relief Society, who in their report 'expressed surprise and dissatisfaction that no account has yet been rendered of the Hartley surplus.' The report pointed out that the money was being used for the relief of persons suffering through colliery accidents in the district, and who have a share of the interest being applied to this purpose, and it does the principal stand, and who hold the security for it. Sir Lovelace Stamer, report, said that 'nothing had ever come under his observation, in the matter of the fund, so disgraceful as the fact of the Hartley surplus having been placed in the hands of a few individuals, and no account rendered of it. In other cases the money had been transferred to funds for the benefit of colliers, but in that district it now lay with the colliers to make a demand that this matter should be cleared up, and thought not to be let drop until it was cleared up. We call special attention to these remarks in the hope and expectation that some explanation will now be given in reply to them. Somebody must know in whose hands the trust is reposed, and how the money is being dealt with. Whoever does know is bound to make some statement on the subject. In the face of such a challenge as that given by a very grave scandal."

The North Staffordshire Iron Trade has not for many years been in a more depressed condition than it is at the present time. The ironmasters have decided to petition the House of Commons for an enquiry into the working of recent Acts of Parliament affecting labour, being of opinion that such legislation has had a considerable share in raising the cost of production. The finished ironworks of the district remain in very partial operation, and some of them are

almost wholly standing. There is no alteration in the pig-iron and ironstone markets. The Coal Trade is very flat alike in the house and manufacturing departments.

REPORT FROM DERBYSHIRE AND YORKSHIRE.

April 20.—The strike at several collieries in the northern part of Derbyshire, by which some thousands of men are out, is the leading theme throughout the mining districts, and speculation is rife as to how long they are likely to remain out. At Clay Cross there are about 2000 out, rather more than one-half being members of the Miners' Association, and in receipt of the usual strike pay, but that is not likely to last much longer. At Staveley a very large number of the miners are also idle, as well as at several other places. At the Sherland Colliery, which is owned principally by the Miners' Association, a reduction of rather more than 15 per cent. has been proposed, but not accepted. The directors, however, suggest that to diminish the number of persons on the funds of the Association the colliery should work three shifts instead of only one. This, no doubt, would be of great advantage to the funds of the colliery, which are said not to be in a very flourishing state, but it would be very singular if men could be found to work a colliery belonging to a working-man for considerably less wages than they would one the property of an ordinary proprietor. But Messrs. Mundella and Macdonald, the chairman and vice-chairman, have great faith in their power over the miners, but there is very little doubt but what they will be mistaken if they think they can get them to work at what wages they please to give them. As might be expected, only a moderate business is being done in house coal from the leading pits to London and the South, for what stocks there were at the commencement of the strike have disappeared in most instances; still the stoppage of so many large pits, that have been in the habit of sending some thousands of tons weekly to London alone, has in no way affected prices, which are now as low as they have been for a very long time. Yet there is very little doubt but what the traffic will show a marked falling off so far as the Midland is concerned. There is, however, every reason to believe that the strike will be of short duration, and it is to the interest of the men and their families that it should be so. The Iron Trade is likely to suffer from the stoppage, and at Sheepbridge the ironworkers are under notice, preparatory, it may be assumed, to a reduction of wages.

In Sheffield affairs do not look very promising, notices having been served on the men connected with Sir J. Brown & Co. (Limited) and Cammell and Co. (Limited), the two largest establishments in the town, and well known for their heavy armour plates and Bessemer rails and forgings. Both companies own collieries—Brown's the Aldwarke Main and Carr House, and Cammell's the Oaks—all of which are now standing. Very little business has been done during the week, owing to the holidays, but this is of no consequence, seeing that in very few branches there is anything like activity. The Bessemer Works have been doing very well in rails and forgings. As yet there has been no want of fuel for ordinary manufacturing purposes, nor is there likely to be on the part of those owners of works who are not colliery proprietors, seeing that there are a good many places where the miners are still at work conditionally, agreeing to accept the terms agreed upon by the general body. The deputation from the Miners' Association which met the committee of the Associated Masters appear to have been disappointed at the firmness with which they were told that the condition on which work should be resumed was 15 per cent. off the gross wages. This gives no prospect of a compromise, so that, with an exhausted treasury, there appears nothing for the men to do under the circumstances but accept it. They may make a show of a fight, but it will be of short duration, and they will of course be the greatest sufferers. The National Association is to be appealed to, but it is to be feared no large amount of help will come from that quarter, seeing that the men in other districts will not be inclined to pay a levy for the purpose of keeping up the wages of the miners to a much higher point than their own. At several collieries in South Yorkshire, where the owners are not connected with the Masters' Association, they are still working on various arrangements. At Stratford Main 10 per cent. off the gross earnings has been accepted, at others 7½ per cent., subject to the final agreement come to. The trade is very quiet, and but little is doing with London, to the marked loss of the Great Northern and Manchester, Sheffield, and Lincolnshire Railway Companies. The season for activity in steam coal is at hand, but there is every appearance that our colliery owners will not be in a position to avail themselves of it for a week or two. Earl Fitzwilliam's collieries are going on as usual, his lordship not being in any way hampered by the action of other colliery owners in the district.

THE SOUTH YORKSHIRE COLLIERIES.

There has been a good deal of agitation during the week in South Yorkshire with respect to the 15 per cent. reduction, and on Monday there was a meeting of the Council of the Miners' Association at Barnsley, at which the proposal was fully discussed, and a decision come to as to what should be proposed by the deputation appointed to wait upon the representative of the masters at Sheffield on Tuesday, but the press was refused any information; however, it transpired that the deputation were instructed not to agree to any reduction other than 7½ per cent. from the prices of 1871. At several collieries no notices whatever have been given. This is the case with respect to Earl Fitzwilliam's pits at Elsecar, for his lordship is not a member of the Masters' Association, acting on all occasions as he thinks fit. Earl Fitzwilliam, however, is in this exceptional position, that being the lessor of the coal he raises he is in a better position than most other colliery owners by at least 300l. an acre. At two small pits at Clayton West it is proposed to reduce wages 4d. per ton for best coal and 2d. per ton for engine fuel. At 33 collieries, employing 11,938 men, the men are on strike against the full 15 per cent. reduction. It is not, however, believed that the strike will be long continued. The Sheffield Coal Company, who employ about 1000 men, yesterday arranged to allow them to resume work this morning at the present rate of wages, pending the result arrived at throughout the district. It is thought that a similar course will be adopted by many of the colliery proprietors, who are unwilling to see their pits idle, and that eventually the dispute will be narrowed to the pits of some of the most prominent members of the Coalowners' Association. At a meeting yesterday of the miners at Staveley, about 2000 of whom are on strike, a resolution was passed expressing their willingness to accept a reduction of 10 per cent., the question of the remaining 5 per cent. to be settled by arbitration.

To enable the bearing of the dispute to be better understood, and to demonstrate that a reduction of wages is a positive necessity, owing to the limited demand for coal and the low price it realises, it may be well to give a few details as to the cause of the present depressed state of our coal and iron industries. On the termination of the war between Germany and France a mania set in for speculation, and railways were promoted in all directions, so that a very great demand set in for English coal and iron. In the former, the first advance in price of any note took place in the early part of 1872, and continued going up until February, 1873, when consumers became so alarmed that there was about to be a coal famine, and a male such a run upon merchants, that prices advanced to 50s. per ton. At the same time iron increased in value in something like the same proportion, the demand for railway iron for the United States having been something extraordinary. But a reaction has since taken place in our exports there of both iron and steel goods. A proof of this is shown in the fact that whilst in March, 1874, we exported 11,047 tons of rails, last month we only sent 31 tons. But, along with the increase in the price of coal and iron, the wages of miners and ironworkers advanced proportionately, so that they had a season of prosperity such as few of them ever dreamt of. The high wages paid to miners in particular attracted agricultural and other labourers to our collieries, for the old hands could not afford to work more than eight hours a day, and only four, or at the most five, days a week. The value of all necessary articles of consumption was also greatly advanced, and, whilst wages were advancing in all directions, very large profits were made by colliery owners and ironmasters, so that new mines and works on an extensive scale were promoted, to be worked by limited liability companies, in nearly every part of the kingdom, and really fabulous sums were given for existing concerns, which afterwards led to serious loss to great numbers. In Yorkshire alone, in two years, upwards of 130 new collieries were commenced, most of them on a very large scale, and some of them are only just now completed, so that since 1873 the productive power of the West Riding, so far as coal is concerned, was increased by more than two million tons per annum. During the period alluded to, new iron and steel works were also established that shone very well for a time, but many have since come to grief. After nearly three years of unexampled prosperity in the annals of the coal and iron trades of the country, as might have been expected, the reaction set in. The householder, in consequence of the high price he had to pay

or his fuel, adopted various economical contrivances for lessening his consumption. The demand for iron rapidly fell off, prices went down, shares in limited companies became depressed, large failures took place, so that in 1875 complete stagnation set in, and has since continued.

It is beyond question that the colliers of South Yorkshire are about the best paid class of workmen for the hours they labour of any in England, therefore, should they remain out the loss will be a serious one for themselves and their families. They know very well from the depression of trade, by which they have only been able to secure three or four days work weekly, that the masters must have suffered as well as themselves, for they have been working without profit owing to the glut of coal in all our markets, and the keen competition which has brought prices down fully as low as they were during the latter part of 1871, when the first advance took place in price as well as in wages. Here there is a straight line by which the men should be guided, for the wages paid in December, 1871, ought to be the rule at the present time in South Yorkshire and North Derbyshire, although even then the colliery owners would be considerable losers, for since the former period the Mines Regulation Act of 1872 has come into operation, entailing additional expense in the working of collieries. This view, we consider, would be an exceedingly just one for the men to adopt, first having ascertained if it is correct, which they can easily do. To do otherwise—to oppose a reduction of wages to the point at which they stood when coal was just the same price as it now is—would be acting unjustly towards employers. A reduction of 15 per cent. may look large, and it certainly appears so; yet seeing that the men's wages advanced along with the rise in the price of coal, there can be no argument adduced to our thinking why they should not decline in the like proportion to what coal has done.

TRADE OF THE TYNE AND WEAR.

April 20.—The Easter holidays have interfered to some extent with business, but on the whole the late improvement continues to be well maintained. A large business has been done to the Baltic and also more distant places, and a good deal of coke has been imported to Spain and other countries. The demand for gas coals has fallen off considerably, and much difficulty is felt in keeping the works going in many cases; colliers producing inferior coals of all kinds and manufacturing coals are still badly employed, and more of this class will no doubt be stopped if the finished iron trade does not improve shortly. It will be seen from the detailed report that the pig-iron trade has improved to some extent, but there is scarcely any improvement to be noticed in any branch of the finished iron trade. The rail trade especially is very stagnant. The engineering and foundry trades are only in a moderately prosperous condition, but some improvement has taken place lately at some of the ironworks on the Tyne.

At Middlesbrough, on Tuesday, though there was but a small attendance and business was very slack on account of the Easter holidays, the manufactured ironworks being at a stand-still throughout the district, the general tone of the Pig-Iron Trade was fairly kept up, and prices do not compare unfavourably with those lately ruling. Makers look to the general condition of the market, and the probable demand now the navigation season is well settling in. They also are induced to keep prices firm by the fact that half a dozen furnaces have been blown out.

The quotations for pig-iron are about—No. 1, 52s. 6d.; No. 3, 48s. 6d.; No. 4, 47s. 6d.; No. 5, 46s. 6d. The end-weights made by rail manufacturers, to secure orders have not been successful, although they are offering very low prices. Plate makers are not so busy as can be desired, but as the shipbuilding trade is fairly busy, and there are more orders likely soon to come to hand, it is thought that work will be secured when the present contracts are completed, as is nearly the case in some instances. There is no change to report in prices of manufactured iron. Rails are 6s. 5d. to 6s. 6d.; shipplates, 7s. 10s.; common cast, 6s. 10s. to 6s. 11s.; angles, 7s. to 7s. 6d.; puddled bars, 4s. 12s. 6d. Colliery agents reported prices of all classes of coals are firmer on account of the strike in the South Yorkshire district. There are already enquiries from the South for coals and coke to keep works going which are affected by the strike.

A large Special Steam Pump, manufactured by Messrs. Tangey Brothers, of Birmingham, has been fixed underground at the Adelaide Colliery, Bishop Auckland, and with a steam cylinder 26 in., and water-cylinder 6½ in. in diameter, with stroke 72 in., is throwing a constant stream of water, averaging 8500 gallons per hour, upwards of 104 ft. vertically, the suction varying from 9 to 13 ft. The bucket (leather) measures 14 in. over all. The valves are multiple, seven being contained in each box, having seats, which are secured into their places by means of brass rings, some of these valves not having been seen for two years. The barrel of pump has been brass lined, and has only worn 1½ in. of an inch since its erection in June, 1871, since which time the pump has been working constantly. The delivery pipes are 7 in. in diameter, the air vessel 3½ in. 8 in. high by 2½ in. in diameter. During the five years the pump has been at work the average duration of the bucket-lathers has been nine weeks. Last year a new bucket, rod, and piston were supplied. Only one valve has given way since the start. The boiler, which is placed down the pit, measures 20 ft. long by 7 ft. in diameter, and is worked at a pressure of 44 lbs.

THE SCOTCH MINING SHARE MARKET—WEEKLY REPORT AND LIST OF PRICES.

During the past week the Easter holidays intervening have, as usual, restricted business, and the variations in prices generally are of small amount. In shares of iron and coal concerns Elbow Vale marks a rise of ½, and Benhar (new) ½; while Marbella is ½ lower, and Omoa and Cleland 2s. Cardiff and Swansea shares are now dealt in, 9d. paid, and remain 2d. sellers. In shares of copper concerns the Canadian companies, Pyrites, and Huntington, have lost a trifle on the few shillings they are now selling at, the state of affairs disclosed at the meeting of the former (noted elsewhere) being not encouraging. Panulio has, however, advanced ½, and Tharsis, both of these, ½, the report of this company being fully referred to following. Yorkshire Peninsula (for iron), 7s. 6d. to 8s. 4d. In home mines, Glasgow Caradon continues to be chiefly dealt in, and are underbid at 30s.; new shares, 2s.; Dunsley Wheel Phoenix, 3s. sellers; Gannislake (Colliers), 3s. 3d.; Grosvenor Level, 6½; sellers; New Pembroke, 5s. 10s.; sellers; Penrith, 7s. 6d. to 8s. 6d.; Prince of Wales, 6s. to 6s. 6d.; Snowbrook, 4½; sellers; Marke Valley, 2½. An issue of 5000 10 per cent. preference shares of 2½ each, at present being made by the Ambrose Lake Tin and Copper Mining Company (Limited), and stated to be nearly all taken up, is understood to be a sound investment in this class of property. In shares of gold and silver mines Emma is being fully referred to following. Yorkshire Peninsula (for iron), 7s. 6d. to 8s. 4d. 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	TOTAL PRODUCE.						
Devon Great Con. 705	£273	10	0	Wheat Russell.....	122	67 15 6	
South Cornish.....	479	8	6	Phoenix.....	110	61 19 0	
Martke Valley.....	357	14	6	East Caradon.....	110	52 12 6	
Glangow Caradon.. 240	12 9	4	0	Belford United.....	75	161 5 0	
Hilwinston Down... 230	538	9	0	Wheal Emma.....	63	3 2 0	
West Maria, &c., 225	546	10	0	Wheal Friendship..	59	131 2 0	
Gawton.....	159	5	0	Prince of Wales....	26	118 10 0	
Wheal Crobar.....	745	17	0	Ambrose Lake.....	25		
<hr/>							
Average standard	£113	4	0	Average produce	£1	6 0	
Average price per ton				Average sale			
Quantity of ore	3168			Quantity of fine copper left tons & cwt.			
Amount of money				£13,642 14 0			
LAST SALE.—Average standard				£12 15 0			
Standard of corresponding sale last month, £112 7 0—Produce,				6½			

COAL MINES REGULATION ACT, 1872.

EXAMINATION FOR MANAGERS' CERTIFICATES OF COMPETENCY.
DISTRICT UNDER THE CHARGE OF RALPH MOORE, Esq.,
H.M. INSPECTOR OF MINES.

NOTICE IS HEREBY GIVEN, that an EXAMINATION for MANAGERS' CERTIFICATES OF COMPETENCY, under the above-named Act, will be held on the 25th day of May, and CANDIDATES INTENDING TO PRESENT THEMSELVES AT SUCH EXAMINATION must, on or before the 19th day of May, notify such intention to the Secretary of the Board of the above-mentioned District, from whom all information as to particulars can be obtained.
By order of the Board,
R. CALDER, Secretary,
290, Renfrew-street, Glasgow.

N.B.—Persons who do not reside within the district are equally eligible for examination with those who do.

NERBUDDA COAL AND IRON COMPANY (LIMITED).
SIXTEENTH REPORT.

Notice is hereby given, that an EXTRAORDINARY GENERAL MEETING of the company will be held at the London Tavern, Bishopsgate-street, in the City of London, on TUESDAY, the 2nd day of May, 1876, at One o'clock in the afternoon, for the purpose of confirming the resolution passed at the General Meeting of the company, held on Monday, the 10th inst., for the addition to the Articles of the company of an Article empowering the company from time to time to reduce its capital, to subdivide or consolidate its shares, and making other provisions with reference to the capital and shares of the company.

And notice is hereby further given, that the SIXTEENTH ANNUAL GENERAL MEETING of the company will be held at the same place, at a quarter past One o'clock in the afternoon, for the transaction of the general business of the company, including the declaration of a dividend, and the election of directors and auditors.

And notice is hereby further given, that another EXTRAORDINARY GENERAL MEETING will be held at the same place, immediately after the termination or adjournment of the Ordinary General Meeting, for the purpose (if need be) of passing any such modifications or amendments which may be suggested by the company, full particulars of which may be inspected at any time prior to the meeting at the company's offices. The principal objects to be effected by these alterations are as follows:—
The reduction and consolidation of the capital of the company, now consisting of £250,000, divided into 250,000 shares of £1 each, with 8s. paid up, to £150,000, divided into 150,000 shares of £1 each, with 2s. paid up.
Provisions for enabling the directors to waive the forfeiture of shares.
The alteration of the qualification and disqualification of directors and their remuneration, rendering the same partly contingent upon the dividends paid by the company.
The transfer-books will be closed from the 24th instant to the 2nd May, both days inclusive.
By order of the Board,
FREDK. R. BLUETT, Secretary.

No. 13, Finsbury Circus, 10th April, 1876.

R I O T I N T O COMPANY (LIMITED).

Notice is hereby given, that the THIRD ORDINARY GENERAL MEETING of the shareholders will be held at the City Terminus Hotel, Cannon street, E.C., on THURSDAY, the 27th day of April, 1876, at Two o'clock precisely, for the purpose of receiving the directors' report and statement of accounts.
Holders of share warrants to bearer will receive a card of admission on depositing their warrants at the company's offices in London not later than Twelve noon on the day of the meeting, or at the Deutsche National Bank, in Bremen, two days previously.
The retiring auditors are Messrs. Turquand, Youngs, and Co., who, being eligible for re-election, offer themselves accordingly.
By order of the Board,
R. J. FENNESSY, Secretary.
Offices of the company, 2, Copthall Buildings, London, E.C., 20th April, 1876.

THE CORNWALL CHEMICAL COMPANY (LIMITED).

A CONSIDERABLE NUMBER OF ORDINARY SHARES in this company TO BE DISPOSED OF.
Apply, by letter, stating price offered per share, to "S. F." care of R. F. White and Son, 33, Fleet-street, City.

RAILWAY CARRIAGE COMPANY (LIMITED).—

ESTABLISHED 1847.
OLDBURY WORKS, NEAR BIRMINGHAM.
MANUFACTURERS OF RAILWAY CARRIAGES AND WAGONS, and EVERY DESCRIPTION OF IRONWORK.

Passenger carriages and wagons built, either for cash or for payment, over a period of years.

RAILWAY WAGONS FOR HIRE.
CHIEF OFFICES.—OLDBURY WORKS, NEAR BIRMINGHAM.
LONDON OFFICES.—7, GREAT WINCHESTER STREET BUILDINGS.

THE BIRMINGHAM WAGON COMPANY (LIMITED).

MANUFACTURE RAILWAY WAGONS OF EVERY DESCRIPTION, for HIRE and SALE, on immediate or deferred payments. They have also wagons for hire capable of carrying 6, 8, and 10 tons, part of which are constructed special for shipping purposes. Wagons in working order maintained by contract.
EDMUND FOWLER, Sec.

WAGON WORKS.—SMETHWICK, BIRMINGHAM.

* Loans received on Debenture; particulars on application.

CONDENSING AND NON-CONDENSING HORIZONTAL

STEAM ENGINES, of the highest class, at low prices.

PUMPING AND WINDING ENGINES. First-class references.

ENGINEERS' TOOLS of all kinds, unrivalled for arrangement and general usefulness, at low prices. Inspection invited.

POLLOCK AND MACNAB,
BRITANNIA IRONWORKS, HYDE, NEAR MANCHESTER.

THE PUBLIC SUPPLY ASSOCIATION

(LIMITED).

Capital £100,000, in 100,000 Shares of £1 each.

Incorporated under the Companies Acts, 1862 and 1867.

SPECIAL FEATURES.

FREE DELIVERY (to Shareholders).

THE DISTRIBUTION OF ALL HOUSEHOLD REQUIREMENTS from the STORES.

SHAREHOLDERS and the PUBLIC not required to write out their own Lists or Invoice Notes.

THE ANNOYANCE of producing MEMBERSHIP TICKETS entirely dispensed with.

PROMPT ATTENTION, as in the best Retail Establishments.

THE PUBLIC may PURCHASE at the STORES at the fixed tariff.

Prospectuses post free on application.

Address—J. A. MORICE, Secretary.

142 AND 144, REGENT STREET; AND

29, 30, 31, WARWICK STREET, REGENT STREET, LONDON, W.

MR. M. W. BAWDEN,

GENERAL ASSAYER,

LISKEARD, CORNWALL.

ANALYSES of every MINERAL PRODUCE CAREFULLY CONDUCTED.

GROGWINN LEAD MINE (LIMITED).

Messrs. H. HALFORD AND CO., STOCK AND SHARE

BROKERS, of EXCHANGE CHAMBERS, CHANGE ALLEY,

LOMBARD STREET, LONDON.

Strongly recommend the ABOVE MINE as one of the BEST and SAFEST

MINING INVESTMENTS. The dividends are declared half-yearly—the one for

the last half year was 12½ per cent.; the next one will probably be 20 per cent.

The "reserves" are valued at £200,000. Every information upon application to

the above.

Daily Closing Price Lists of Mines and all other Securities sent post free on

application.

Messrs. H. and Co. are BUYERS of Shares in GROGWINN MINE, and

also of Shares in WYE VALLEY LEAD MINE; and they will be GLAD to

REAR from BROKERS or DEALERS who have ANY FOR SALE.

THE NEWCASTLE DAILY CHRONICLE

(ESTABLISHED 1764.)

THE DAILY CHRONICLE AND NORTHERN COUNTIES ADVERTISER

Office, Westgate-road, Newcastle-upon-Tyne; 50, Howard street, North

Shields; 195 High-street, Sunderland.

In the Court of the Vice-Warden of the Stannaries.

Stannaries of Cornwall.

IN THE MATTER OF THE COMPANIES ACTS, 1862 AND 1867, and of the ST. JUST AMALGAMATED MINING COMPANY (LIMITED).
—TO BE SOLD, BY PUBLIC AUCTION, under the direction of the Registrar of the said Court on Tuesday, the 25th day of April instant, at Twelve o'clock at noon, at the St. Just Amalgamated Mines, in the Parish of St. Just, in Penwith, within the said Stannaries, in such lots, and subject to such conditions, as shall be then and there stated by the Auctioneer, the WHOLE of the under-mentioned

MINING PLANT AND MACHINERY, viz:—

45 in. cylinder ENGINE, 9 ft. stroke in the cylinder and 7 ft. in the shaft, with 10 ton BOILERS; 34 in. cylinder ENGINE, 9 ft. stroke, equal beam and, three 10 ton BOILERS; 24 in. cylinder WINDING ENGINE, with cage, &c., complete; and an 8 ton BOILER; 32 fms. 5 in. plunger lift; 21 6 in. pumps; two 16 heads stamps axles, with iron lifters, heads, frames, &c.; chain wire rope; 15 ft. water wheel 16 in. breast; 10 ft. ditto 20 in. breast; 8 ft. ditto 12 in. breast; 5 ft. ditto 12 in. breast; several large wood houses; eight Borlase's buidies, with gearing and other buidies; frames, tin chests, and kieves, launders (various sizes), iron tube of dry horse whim, new cistern, two large shivers, bridge rails, two iron skips, two 40 in. smiths' bellows, anvil, large quantity of smiths' and miners' tools, quantity of cast steel borer and other steel, several tons of new and useful iron, scrap ditto, four casks grease, crane, tips and plates, double and single blocks, miners' chests, beams and weights, assaying tools, bell and stand, a large quantity of brass, lifting jacks, drop screws, three dozen patent picks, sheet lead, boring machine, lathe, brass wire gauge, candle chest, new shovels, nails, miners' dial, a quantity of timber, &c., account house furniture, and other effects in general use in tin mines.

For leave to inspect the above and apply the Agent in charge of the mines, or to Mr. FREDERICK WARWICK, the Official Liquidator of the said company, at No. 25, Bucklersbury, London.
HODGE, HOCKIN, AND MARRACK, Solicitors, Truro.
(Agents for Alexander Kerly, 14, Great Winchester-street, London,
Solicitors for the said Official Liquidator.)
Dated Stannaries Court Office, Truro, the 12th day of April, 1876.

IN THE MATTER OF THE COMPANIES ACTS OF 1862 AND 1867; AND IN THE MATTER OF THE SHALLEE SILVER-LEAD MINING COMPANY (LIMITED).

IN VOLUNTARY LIQUIDATION.

IMPORTANT TO MINING COMPANIES AND CAPITALISTS.

MR. JAMES H. NORTH has received instructions from HENRY PARKINSON, Esq., the Liquidator of the company, TO SELL, BY AUCTION, at his Estate Auction Rooms, 84, Abbey street, Dublin, on Friday, the 25th day of April, 1876, at One o'clock in the afternoon, the well-known

SHALLEE SILVER-LEAD MINE.

Together with the valuable ENGINES, MACHINERY, and PLANT, all in the most perfect order, held in fee simple, free of dead rent and royalties.
The mine is situated four miles from Neagh, and within a few hundred yards of the Neagh and Birrill Railway, where ground has been secured for a siding.
From the reports of several eminent mining engineers who have inspected the mine, there is every prospect of its proving highly remunerative when further developed.

For further particulars and conditions of sale, apply to HENRY PARKINSON, Esq., 28, South Frederick-street, Dublin, or to the Liquidator, Messrs. D. and T. FITZGERALD, St. Andrew-street, Solicitor; or to

JAMES H. NORTH, AUCTIONEER, HOUSE AND ESTATE AGENT,
84, ABBEY STREET, DUBLIN.

BURROW AND BUTSON LEAD, BLENDE, AND COPPER MINES,

ST. AGNES, CORNWALL.

MR. JAMES GRIPE is instructed to OFFER FOR SALE, BY PUBLIC AUCTION, at the Account-house on the Mines, on Saturday, the 29th April, 1876, at Two o'clock in the afternoon (under powers contained in a mortgage deed, and subject to such conditions as will be then read), in One Lot, as a going concern, ALL that EXTENSIVE MINING SETT, called

BURROW AND BUTSON.

Situated in the parish of St. Agnes, in the county of Cornwall, together with the WHOLE of the PLANT and MACHINERY thereon, including ONE 60 in. cylinder PUMPING ENGINE, with TWO BOILERS 12 tons each; ONE 25 in. cylinder WINDING and CRUSHER ENGINE, with 9 ton BOILER; 150 fms. 14, 12, and 7 in. pumps; plunger poles, cases, boxes, glands, hand doorpieces, 70 fms. pine rods, capstan, shears, 150 fms. 13 in. capstan rope, patent weighing-bridges, smiths' bellows, anvil, and Grease, and other tools of the Grease's patent dressing machine, and all the appliances of a mine in full work.

The sett is laid open to the depth of 62 fathoms below adit, and is productive of lead, blende, and copper. The machinery is all of the best construction, in every respect equal to new, and in full working order. The lease has about 17 years unexpired.

For inspection, and to view, application may be made to Capt. CHRISTOPHERS and Mr. GRIPE, the agents on the mines; and further particulars and information may be obtained of the Auctioneer, St. Agnes, Cornwall, or of Messrs. BENHAM and TINDALL, 18, Essex-street, Strand, London.

PRELIMINARY ADVERTISEMENT.

HOCKLEY HALL AND WAKELEY COLLIERIES, NEAR TAMWORTH.

MR. S. WALKER is instructed to SELL, BY AUCTION, at the

Hen and Chickens Hotel, Birmingham, on Thursday, 11th May, at 2.30 precisely, in One Lot, the VERY VALUABLE LEASES of the

HOCKLEY HALL AND WAKELEY COLLIERIES.

extending upwards of FIVE HUNDRED ACRES, held for long terms at exceeding low royalties, with the VALUABLE SURFACE RIGHTS, including BUILDINGS, ENGINE and BOILER HOUSES, OFFICES, &c.

The collieries, which are worked by hand, and nearly inexhaustible, consisting of four seams of coal, low groups of ironstone seams, and fire clay suitable for the manufacture of blue bricks, paving tiles, &c., of very superior quality, for which there is an unlimited demand. The mines are fully equipped, and in capital working order; they have been laid out with the greatest care and skill at an immense outlay, and are capable of a very large daily output. The pit frames and working gear are of the most approved and substantial kind; the pit closely adjoins the Midland Railway, which runs for 1 mile through the property, and there are 2 miles of sidings, furnished with all the necessary junctions and signal boxes.

The whole of the very valuable fixed working plant and machinery will be included in the sale, comprising TWELVE STEAM ENGINES and BOILERS (which are nearly new), shafting and gear, the brick making apparatus (capable of turning out 20,000 bricks per day), kilns, drying sheds, &c.

The property may be viewed, and particulars and conditions of sale, when ready, obtained at the Hen and Chickens Hotel, Birmingham; the Castle Hotel, Tamworth; the Royal Hotel, Sheffield; the Queen's Hotel, Manchester; Adelphi Hotel, Liverpool; of Messrs. WRIGHT, BAKER, and WRIGHT, Solicitors, 45, King William-street, London; and the Auctioneer's offices, St. Stephen's Chambers, Telegraph street, Moorgate street, London.

SHARES IN A CELEBRATED MINING PROPERTY

IN CHILI,

YIELDING LARGE PROFITS, FOR SALE.

TO BE SOLD, BY AUCTION, at the Mart Tokenhouse-yard, in

the City of London, on Tuesday, the 23rd day of May, 1876, at Two o'clock precisely, by Messrs. DRIVER, in One or more Lots,

THREE SHARES (in Chili designated Barras) in the CARRIZALILLO MINING COMPANY. The company is divided into 24 shares only.

THE CARRIZALILLO COMPANY own the celebrated DESCUBRIDORA MINE, and the three adjoining sets of SAN JUAN, CANCHAS, and SAN FRANCISCO, which are all worked under one administration, and are situated about thirty-three miles from the Port of Pan de Azucar, from whence there is a good road.

THE DESCUBRIDORA MINE has been working since 1858, and has yielded large profits. There are two steam-engines at work, one of 20-horse power and one of 8-horse power, for drawing, and there is also a newly-erected powerful engine, with Blake's crusher attached; by the use of the latter the company is enabled to dress and return the large accumulation of low-produce ore, which will now give a considerable profit. The mine is in thorough working order, and well stocked with materials, rails, jiggers, crushers, &c.

The adjoining sets of SAN JUAN, CANCHAS, and SAN FRANCISCO were acquired for the purpose of securing the ground around the Descubridora Mine, and they have since been worked on a limited scale. There is also a shop, which supplies the workpeople, and also horses, carts, and mules.

Also the VEGA WASHING AND JIGGING ESTABLISHMENT, with yards, houses, sheep, and stores, about nine miles from Descubridora (a tramroad is being laid down from the mine, which will greatly lessen the costs of carriage to the Vega). There are also dwelling-houses, bake-house, yards, store-rooms, ore floors, and mole at Pan de Azucar, with convenient launches for use in loading ships with the ore; and there is also belonging to the company a quinqueline establishment, a watering place, situated about eleven miles from Pan de Azucar, on the road to Descubridora, with dwelling-house, shop, store, mule yard, water carts, mules, and harness; and in Chanaral Port a dwelling-house of eight rooms, and spacious balcony and store below, with good counting house.

The company also have at Chanaral other houses and sites, and also a complete condensing apparatus, with four boilers, &c.

Two-thirds of Descubridora, San Juan, Canchas, and San Francisco, with some other property of comparatively small value, were sold in 1872 for the aggregate sum of £90,000, and since then profits have been divided much more than sufficient to repay the purchase money, and there is every prospect of Descubridora continuing to give large profits for a considerable time.

Printed conditions of sale will be shortly ready, and further particulars can be obtained in Chili from ROBERT PEEBLES, Esq., Chanaral, Chili; and in England from Messrs. DRIVER, the Auctioneers, Whitehall, London; or of

S. T. G. DOWNING, Solicitor, Redruth, Cornwall.

TO COLLIERY OWNERS, AND OTHERS.

TO BE SOLD, BY PRIVATE CONTRACT, as a going concern, the

VALUABLE COLLIERY known as

THE BRAICHYCYMAR COLLIERY.

Late the property of Messrs. MILLER, SOSS, and CO., situated in the Garw Valley South Wales, about eight miles from Bridgend, consisting of about 600 acres, and held at moderate royalties for a term of which 55 years remain unexpired.

The coal measures contained in the property are the Rhonda series and the Aberdare series, Nos. 2 and 3 Rhonda seams being now worked.

The property has been recently valued by Messrs. Dobson, Bowen, and Adams, of Cardiff, a copy of their report, with full particulars, may be obtained on application to Mr. J. D. BLAKE, Solicitor, 5, Bell-yard, Doctor's Commons; Messrs. FUSSELL and CO., Solicitors, Bristol; Messrs. DENNING, SMITH, and CO., Auctioneers, Bristol; or to Messrs. JAMES and EDWARDS, 110, Cannon-street, E.C.

IN THE MATTER OF THE COMPANIES ACTS, 1862 AND 1867, AND OF THE TREVARRACK MINING COMPANY (LIMITED).

TENDERS will be received by the Liquidator of the above-named company at his offices, No. 34, Ethelburga House, 70 and 71, Bishopsgate-street Within, London, on or before the 5th day of May, 1876, stating the highest price which will be given for the WHOLE of the BENEFICIAL INTEREST of the said company in the TREVARRACK MINE, and for the following

MINING MACHINERY, MATERIALS, AND EFFECTS,

Now lying in and upon the Trevarrack Mine, in the parish of Lelant, near Hayle, in the county of Cornwall, and belonging to the said company, comprising a 30 in. PUMPING ENGINE, with 10 ton BOILER and GEAR, 75 fms. of PUMPS, 50 fms. of launders with stands, wooden account-house, stable and saw house, with sundry furniture, chains, tools, and materials.

The Liquidator does not bind himself to accept the highest or any tender.

For inspection of the above, apply to the agent, at the mine; and for any further particulars to the undersigned,
GEORGE STILL, Liquidator.
Dated at 34, Ethelburga House, 70 and 71, Bishopsgate-street Within, London, the 15th day of April, 1876.

IN THE MATTER OF THE COMPANIES ACTS, 1862 AND 1867, AND OF THE OLD TINCROFT CONSOLS MINING COMPANY (LIMITED).

THE CREDITORS OF THE ABOVE-NAMED COMPANY are

required, on or before the 10th day of May, 1876, TO SEND THEIR NAMES AND ADDRESSES, and the PARTICULARS of THEIR DEBTS or CLAIMS, to me, the Liquidator of the said company, at my offices, No. 35, Ethelburga House, 70 and 71, Bishopsgate-street Within, in the City of London, or, in default thereof, THEY WILL BE EXCLUDED FROM THE BENEFIT OF ANY DISTRIBUTION made before such debts are claimed.
Dated this 15th day of April, 1876.
GEORGE STILL, Liquidator.

IN THE MATTER OF THE COMPANIES ACTS, 1862 AND 1867, AND OF THE ST. AGNES CONSOLS MINING COMPANY (LIMITED).

TO BE SOLD, BY AUCTION, BY MESSRS. COOPER AND

GOULDING, at the Auction Mart, Tokenhouse-yard, in the City of London, on Thursday, the 18th day of May, 1876, at One o'clock precisely, by direction of the Liquidator (subject to such conditions as shall be then and there produced), ALL the BENEFICIAL INTEREST of the said company of and in the several SETS under which its mining operations have been carried on, in the parish of St. Ann, Cornwall, together with the WHOLE of the MINING PLANT, MATERIALS, and EFFECTS, of which an inventory may be inspected at the offices of the auctioneers, or at the mine, fourteen days prior to the date of sale.

For leave to inspect, apply to the Agent at the Mine, or to Messrs. COOPER and GOULDING, 70 and 71, Bishopsgate-street Within, London, E.C.

COLLIERY FOR SALE.

TO BE SOLD, BY PRIVATE CONTRACT, a VALUABLE and

EXTENSIVE COLLIERY in SOUTH STAFFORDSHIRE, situate in the centre of that manufacturing district, and having railway and canal communication with all the principal markets.

The estate contains several hundred acres of the Ten Yard Coal, and the underlying measures in the solid; also Brooch (ribs and pillars), Heathen Coal, Gubbins, and White Ironstones, Fire-clay, and valuable beds of clay and marl suitable for making red and blue bricks.

Two beds of ironstone, fire clay, and coal are as yet untouched.

The property is freehold and long leasehold, and the greater portion of the purchase money may be paid by instalments.

Only principals will be treated with.

For particulars and to treat, apply to H. and J. E. UNDERWOOD, 21, Darlington-street, Wolverhampton.

TO CAPITALISTS OR PROMOTERS DESIRING TO

MAKE MONEY.

TO BE SOLD, a COLLIERY ROYALTY in NORTH WALES,

close to rail crasping port; several shafts partially sunk; coal fully proved of FOUR SEAMS of good HOUSE and STEAM COALS, in an area of upwards of 400 acres of surface. It adjoins the West Mostyn Coal Field, just successfully launched, where under seams (including Cannel) have been proved in addition to the above, so that eminent engineers state that the available coal in this royalty, may be 85 feet thick.

Present holder will arrange to sell the entire to an individual or company for what it has cost him, dividing all profit made above, which, even in a normal state of the coal trade, must be large. Certain and safe surveys by eminent Staffordshire and Welsh engineers have already been made.

Address, "Nil Desperandum," care of Mr. Watson, 15, Fenwick-street, Liverpool.

FOR SALE, OR TO RENT, the COAL MINES or COLLIERIES

situated in TURRUNCAN and PREJANO (Province of LOGRONO, SPAIN), about 23 Kilometres by rail between Bilbao and Euzkadi.

The coal according to the report of the engineer, Mr. Chevalier, is suitable for producing gas; these mines also produce a quality which appears equal to English Cannel Coal.

The works of exploration already completed show that coal in considerable quantities exists in these mines.

For further particulars and details, as well as for terms of sale or rental, address Don PEDRO RIBEN, Pamplona, Spain.

SLATE QUARRY.

TO BE LET, a most desirable SLATE QUARRY, situate in the

parish of ST. ISSEY, CORNWALL, close by Padstow Harbour. It is most convenient for shipping, as vessels can come and load alongside either in summer or winter. It also adjoins good roads.

The quarry is partly opened up, where the samples of slate can be seen.

Apply to Mr. TREMANN, the proprietor, on the premises; or Mr. NICHOLLS, Auctioneer and Accountant, Bosporians, St. Columb, Cornwall.

FOR SALE, a 35-horse power PORTABLE STEAM ENGINE,

with link motion reversing gear, ready for delivery.

An 18 horse power VERTICAL STEAM ENGINE, with link motion reversing gear, also gear to wind and pump.

A 12 ft. PAN MORTAR MILL, VERTICAL ENGINE, and BOILER.

Apply to—

BARROWS AND STEWART, ENGINEERS, BANBURY.

FOR SALE:—

ONE 60 ft. OVERSHOT WATER WHEEL, 2 ft. 6 in. breast, iron rings

entre pieces, shaft, wooden arms, buckets, backing.

ONE 12 ft. by 2 ft. 6 in. ditto

ONE 12 head SET OF STAMPS, complete.

ONE LARGE PUMP CRANK, with four pin holes.

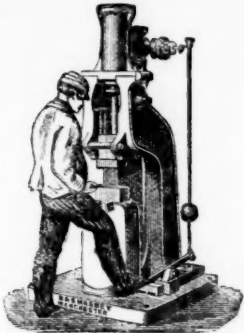
ONE 13 ft. IRON BOB.

EIGHT LARGE GEAR.

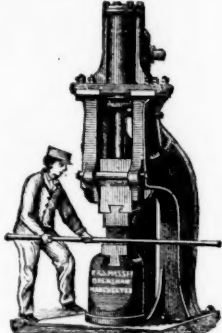
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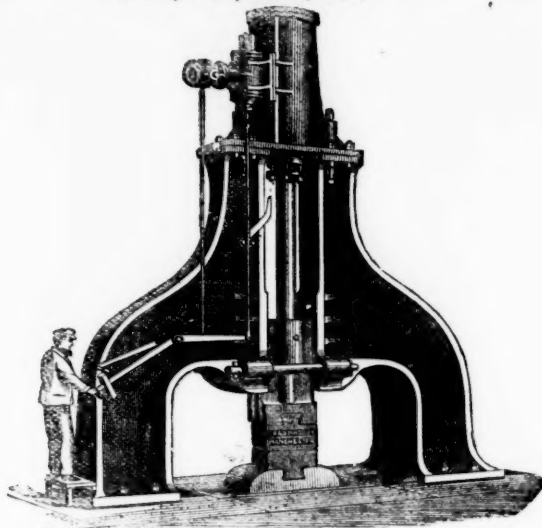
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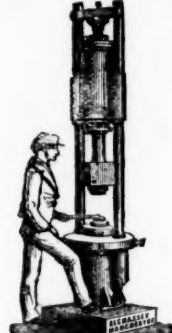
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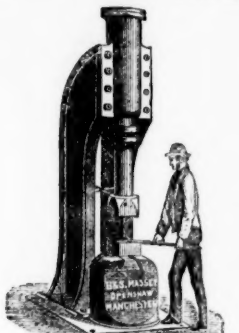
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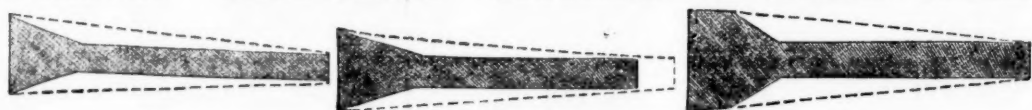
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1000	Barnack, c. St. Just	118 5 0	26	26 31	619 15 0	5 0 0	Aug. 1875	—	—
4000	Brookwood, c. Buckfastleigh	1 16 0	—	—	3 16 0	0 2 0	Nov. 1875	—	—
3500	Cargill, c. Newlyn	5 18 0	—	—	4 18 0	0 12 0	Oct. 1875	—	—
3400	Cashwell, c. Cumberland	2 10 0	—	—	1 7 0	0 2 0	Aug. 1875	—	—
1000	Carn Brea, c. Illogan	5 0 0	—	—	308 0 0	1 0 0	Jan. 1876	—	—
1000	Cath. & Jane, c. Illogan	21 13 9	31	21 3	11 17 0	0 7 6	June 1875	—	—
2450	Cook's Kitchen, c. Illogan	4 1 6	—	—	118 10 0	0 12 0	May 1875	—	—
1000	Devon Gr. Consols, c. Tavistock	1 0 0	—	—	109 11 3	0 10 0	Feb. 1876	—	—
4200	Dolcoath, c. t. Camborne	10 14 10	26	4 3 5	0 2 0	0 2 0	Feb. 1876	—	—
4500	Drake Walls, c. t. Calstock	6 0 0	—	—	0 2 11 0	0 5 6	Feb. 1876	—	—
17000	Duchess of Westminster, c. t. Holywell	1 0 0	—	—	14 19 0	0 2 0	Oct. 1875	—	—
1000	East Baleswick, c. t. Sancerre	1 0 0	—	—	233 10 0	1 0 0	Mar. 1876	—	—
1144	East Caradon, c. t. Cleeth	82 0 0	—	—	14 9 9	0 2 6	Mar. 1876	—	—
300	East Darren, c. t. Cardigan	0 9 9	—	—	20 7 6	0 7 6	Oct. 1875	—	—
400	East Pool, c. t. Illogan	6 19 0	—	—	82 5 0	0 10 0	Feb. 1876	—	—
1900	East Wheel Lovell, c. t. Wendron	2 10 0	—	—	0 11 0	0 2 0	Jan. 1876	—	—
2800	Foxdale, c. t. Isle of Man	26 0 0	—	—	0 11 0	0 2 0	Jan. 1876	—	—
40000	Glasgow Carr, c. t. [30,000 £1 p. 10,000 15s. p.]	1 1 1 1 1	—	—	19 13 0	0 10 0	Apr. 1876	—	—
16000	Great Dyffide, c. t. Montgomeryshire	4 0 0	—	—	12 0 0	0 2 0	Jan. 1876	—	—
4000	Great Laxey, c. t. Isle of Man	4 0 0	—	—	15 19 6	0 2 6	June 1875	—	—
24000	Great West Van, c. t. Cardigan	2 0 0	—	—	12 0 0	0 2 0	Jan. 1876	—	—
5000	Great Wheel Vor, c. t. Helston	0 6 0	—	—	12 0 0	0 2 0	Jan. 1876	—	—
6400	Green Hurth, c. t. Durham	2 0 0	—	—	0 10 0	0 2 0	Dec. 1875	—	—
2000	Grosvend, c. t. Cardigan	5 5 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
1800	Grovehouse (Clitters), c. t. e	8 10 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
1024	Harrodsfoot, c. t. near Liskeard	2 5 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
18000	Hillingdon Down, c. t. Calstock (21 sh.)	1 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
25000	Killaloe, c. t. Tipperary	18 15 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
400	Lisburne, c. t. Cardigan	0 10 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
6120	Lovell, c. t. Wendron	0 10 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
9000	Marke Valley, c. t. Cardigan	0 10 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
11000	Melindur Valley, c. t. Cardigan	0 10 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
20000	Minera Mining Co., c. t. Wrexham	7 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
20000	Mining Co. of Ireland, c. t. e	3 9 6	—	—	0 10 0	0 2 0	Mar. 1876	—	—
512	North Busy, c. t. Chacewater	2 10 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
12000	North Hendre, c. t. Wales	12 2 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
20000	North Levant, c. t. St. Just	1 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
27555	Old Treburtet, c. t. ordinary shares	0 10 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
9258	Old Treburtet, c. t. (10 per cent. pref.)	3 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
1530	Pedn-an-drea, c. t. Redruth	2 10 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
5000	Penhall, c. t. St. Agnes	2 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
4 780	Pentrueth, c. t. S. Agnes	4 13 4	—	—	0 10 0	0 2 0	Mar. 1876	—	—
8000	Phoenix, c. t. Linkinhorne	2 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
13000	Prince Patrick, c. t. Holywell	1 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
1120	Providence, c. t. Lelant	16 13 7	—	—	0 10 0	0 2 0	Mar. 1876	—	—
12000	Roman Gravel, c. t. Salop	7 10 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
512	South Caradon, c. t. Cleeth	1 5 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
6000	South Carn Brea, c. t. Illogan	2 17 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
6128	South Condour, c. t. Camborne	6 5 8	—	—	0 10 0	0 2 0	Mar. 1876	—	—
10000	So. Fr. Patrick, c. t. (5000 sh. issued)	1 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
10000	Tanquerhill, c. t. Salop	6 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
20000	Tinroft, c. t. Pool, Illogan	9 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
4000	Trumpet Consols, c. t. Helston	9 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
10000	Van, c. t. Llanidloes	4 5 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
3000	W. Cliverton, c. t. Penzance	12 10 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
1783	West Poldice, St. Day	10 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
512	West Wheal, c. t. Redruth	68 10 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
2048	West Wheal, c. t. Illogan	27 3 8	—	—	0 10 0	0 2 0	Mar. 1876	—	—
512	Wheal Basset, c. t. Illogan	9 2 8	—	—	0 10 0	0 2 0	Mar. 1876	—	—
4245	Wheal Kitty, c. t. St. Agnes	2 13 10	—	—	0 10 0	0 2 0	Mar. 1876	—	—
2048	Wheal Kitty, c. t. St. Agnes	5 4 8	—	—	0 10 0	0 2 0	Mar. 1876	—	—
80	Wheal Owsia, c. t. St. Just	85 5 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
6000	Wheal Prussia, c. t. Redruth	2 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
25000	Wicklow, c. t. Salop	2 10 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—
10000	Wye Valley, c. t. Montgomery	3 0 0	—	—	0 10 0	0 2 0	Mar. 1876	—	—

FOREIGN DIVIDEND MINES.

Shares.	Mines.	Paid.	Last Fr.	Clos. Fr.	Total divs.	Per share.	Last paid.	Dividend.	Dividend.
35500	Alamillos, c. t. Spain	2 0 0	—	—	1 12 3	0 2 6	Mar. 1876	—	—
80000	Almaden and Tiroto Consol., c. t. Spain	1 0 0	—	—	0 5 3	0 1 0	Mar. 1876	—	—
20000	Australian, c. t. South Australia	7 7 8	—	—	0 15 0	0 2 0	July 1875	—	—
10000	Battle Mountain, c. t. (6240 part pd.)	5 0 0	—	—	0 10 0	0 10 0	Nov. 1875	—	—
15000	Birdseye Creek, c. t. California	4 0 0	—	—	0 14 0	0 2 6	Nov. 1875	—	—
60000	Bunsberg, c. t. Germany	10 0 0	—	—	0 17 4	0 8 0	July 1875	—	—
12500	Burra Burra, c. t. So. Australia	5 0 0	—	—	70 15 0	1 0 0	Mar. 1876	—	—
20000	Cape Copper Mining, c. t. So. Africa	40 0 0	—	—	23 15 0	1 0 0	Mar. 1876	—	—
40000	Cedar Creek, c. t. California	5 0 0	—	—	0 5 0	0 2 6	June 1875	—	—
80000	Central American Association	0 16 8	—	—	0 6 0	0 1 0	July 1875	—	—
15000	Chloro, c. t. Utah	10 0 0	—	—	1 16 0	0 4 0	Feb. 1876	—	—
21000	Colorado Terrible, c. t. Colorado	5 0 0	—	—	0 13 6	0 4 0	Jan. 1876	—	—
10000	Copago, c. t. Chili (20 shares)	15 15 0	—	—	7 8 5	0 2 6	Jan. 1876	—	—
100000	Don Pedro North of the Key	0 16 0	—	—	2 8 9	0 2 0	Mar. 1876	—	—
25000	Eberhardt and Aurora, c. t. Nevada	10 0 0	—	—	0 10 0	0 1 0	July 1875	—	—
5000	Emma, c. t. Utah	7 15 0	—	—	2 16 0	0 6 0	Dec. 1875	—	—
70000	English and Australian, c. t. St. Aust.	2 10 0	—	—	2 16 0	0 6 0	Mar. 1876	—	—
15000	Ferguson, c. t. California	2 0 0	—	—	0 3 0	0 3 0	Mar. 1876	—	—
30000	Flagstaff, c. t. Utah	10 0 0	—	—	4 2 0	0 5 0	July 1875	—	—
25000	Fortuna, c. t. Spain	2 0 0	—	—	5 8 10	0 8 0	Mar. 1876	—	—
30000	Gold Run, c. t. Utah	1 0 0	—	—	0 2 4	0 4 0	Oct. 1875	—	—
60000	Kapunda Mining Co. Australia	1 3 0	—	—	0 14 0	0 2 0	June 1875	—	—
20000	Last Chance, c. t. Utah	5 0 0	—	—	15 1 2	0 10 0	Mar. 1876	—	—
15000	Linares, c. t. Spain	3 0 0	—	—	1 11 2	0 10 0	Mar. 1876	—	—
10000	London and California, c. t. e	2 0 0	—	—	1 11 0	0 1 0	July 1875	—	—
7837	Lusitania, Portugal (25 shares)	2 10 0	—	—	0 5 0	0 5 0	Mar. 1876	—	—
5000	Mammoth Copperworks of Utah, c. t. e	10 0 0	—	—	0 4 0	0 4 0	Jan. 1876	—	—
5000	Mountain Chief, c. t. Utah	10 0 0	—	—	0 8 0	0 3 0	Nov. 1875	—	—
18000	Prussian Mining & Ironworks, c. t. e	30 0 0	—	—	20 14 2	1 3 2	Nov. 1875	—	—
100000	Pontgibaud, c. t. France	20 0 0	—	—	1 8 0	0 1 0	Jan. 1876	—	—
100000	Port Phillip, c. t. Clunes	1 0 0	—	—	2 14 0	0 7 6	May 1875	—	—
40000	Richmond Consols, c. t. Nevada	5 0 0	—	—	12 5 per cent.	Nov. 1875	—	—	—
120000	Scottish Australian Mining Co., New	1 0 0	—	—	1 10 per cent.	Nov. 1875	—	—	—
80000	Scottish Australian Mining Co., New	2 0 0	—	—	0 14 2	0 2 0	Apr. 1876	—	—
112500	Sierra Buttes, c. t. California	2 0 0	—	—	1 10 0	0 2 0	Nov. 1875	—	—
40000	South Aurora, c. t. Nevada	5 0 0	—	—	0 14 2	0 2 0	Apr. 1876	—	—
225000	St. John del Rey (25 stock and multiple deal in)	370 0 0	—	—	1 25 per cent.	for Dec. 1875	—	—	—
15000	Sweetland Creek, c. t. California	4 0 0	—	—	3 6 0	0 2 0	Mar. 1876	—	—
20000	Telma, c. t. (8000 sh. are £5 f. d.)	4 10 0	—	—	0 11 6	0 6 0	May 1874	—	—
18000	Western Andes, c. t. New Granada	5 0 0	—	—	2 13 0	0 8 0	Sept. 1875	—	—

NON-DIVIDEND FOREIGN MINES.

NON-DIVIDEND FOREIGN MINES.

Shares.	Mines.	Paid.	Last Fr.	Clos. Fr.	Last Div.
20000	Anglo-Australian, c. t. Victoria*	2 10 0	—	—	Sept. 1872
5000	Anguilla Phosphate, West Indies (4000 issued)	10 0 0	—	—	Fully pd.
12000	Argentine, c. t. Argentine Republic	5 0 0	7	6 1/2	Fully pd.
10000	Australian Central, c. t. (also 6000 deferred shares)	1 0 0	—	—	Fully pd.
3000	Bellavista, c. t. Peru* (£10 shares)	1 0 0	—	—	Fully pd.
3000	Blue Tent, c. t. California	5 0 0	3	3 3/4	Fully pd.
50000	Braganza, c. t. Brazil*	0 15 0	—	—	Oct. 1872
12000	Camp Floyd, c. t. Utah*	10 0 0	—	—	Fully pd.
35000	Cesena Sulphur Company, Romagna, Italy*	10 0 0	—	—	Fully pd.
50152	Chontales, c. t. Nicaragua*† (and 12,542 of £1 15s.)	2 0 0	1/2	1/2	Fully pd.
6000	Clifton, c. t. Colorado*	5 0 0	—	—	Feb. 1872
16000	Condes de Chili, c. t.	5 0 0	7	6 1/2	Fully pd.
10000	Crescent, c. t. Pumas, California*	10 0 0	—	—	Fully pd.
35000	Excelsior Hydraulic Gold Washing Co., California*	6 0 0	—	—	Dec. 1871
10000	Exchequer, c. t. California*	1 0 0	1 1/2	1 1/2	Fully pd.
58000	Frontino and Bolivia, c. t. New Granada*	2 0 0	2 1/2	1 3/4	Fully pd.
40000	Holcombe Valley, c. t. California	1 0 0	—	—	July 1873
9000	Hornachos, c. t. (410 shares) Spain	10 0 0	15	14 15	Fully pd.
20000	Imperial Brazilian Collieries, Brazil*	5 0 0	—	—	Fully pd.
190000	I. A. L., c. t. California*	1 0 0	1 1/2	1 1/2	Fully pd.
50000	Javali, c. t. Nicaragua*	2 0 0	—	—	Fully pd.
12000	Lanestou, c. t. Bay, Spain (£2 shares)	1 15 0	—	—	Mar. 1872
75000	Malabar, c. t. Colombia* (also 25000 issued)	1 0 0	—	—	Fully pd.
60000	Malpas, c. t. Colombia* (100000 shares, fully paid)	1 0 0	—	—	Fully pd.
12000	Menzember, c. t. Honnet, Germany	1 5 0	—	—	Fully pd.
6000	Monte Loreto, c. t. Italy*	5 0 0	—	—	Fully pd.
66000	New Quebrada, c. t. Venezuela*	5 0 0	3 1/2	3 1/2	Fully pd.
50000	New Rosario, c. t. Mexico*	1 0 0	—	—	Fully pd.
20000	New Zealand Kapanza, c. t. Coronandel*	5 0 0	—	—	Fully pd.
5000	Oregon, c. t. Oregon, U.S. (preference shares)	4 0 0	3 1/2	3 1/2	Sept. 1872
50000	Petaluma, c. t. Chili*† (£80000 debentures)	4 0 0	2	1 1/2	Fully pd.
20000	Rica, c. t. Colombia* (40000 issued)	3 0 0	3 1/2	3 1/2	Fully pd.
250000	Rio Tinto, c. t. Huelsa, Spain	1 0 0	—	—	Fully pd.
10000	Rosa Grande, c. t. Brazil*† (£1 shares)	10 0 0	5 1/2	4 1/2	Fully pd.
20000	Russia, c. t. Orenburg and Uta†	0 19 0	3 1/2	3 1/2	July 1872
25000	San Pedro, c. t. Chili*	10 0 0	3 1/2	2 3/4	Fully pd.
20000	Santa Barbara, c. t. Brazil	0 10 0	2 1/2	2 1/2	Fully pd.
10000	Silver Plume, c. t. Colorado*	1 0 0	1 1/2	1 1/2	Mar. 1872
20000	Snowdrift, c. t. Colorado*	2 0 0	—	—	Fully pd.
20000	Tecoma, c. t. Utah*	10 0 0	3 1/2	3 1/2	Fully pd.
20000	Thornhill Reef, c. t. Australia*	10 0 0	3 1/2	3 1/2	Fully pd.
43174	United Mexican, c. t. Mexico*†	1 0 0	—	—	May 1872
14000	Utah, c. t. Utah*	28 15 3	3	2 3/4	May 1872
25000	Victoria (London), c. t. Australia* (25,000 sh. 15s. p.d.)	5 0 0	—	—	Fully pd.
75000	Yorke Peninsula, c. t. South Australia*	1 0 0	—	—	Fully pd.
40000	Yorke Peninsula, c. t. South Australia Preference	0 0 0	1 1/2	1 1/2	Fully pd.

* Have made calls since last dividend.